



City of Northampton
Capital Improvement Program
FY2022 – FY2026
Mayor David J. Narkewicz
Submitted to City Council
February 24, 2021

City of Northampton, Massachusetts

CAPITAL IMPROVEMENT PROGRAM

FOR

FISCAL YEARS 2022 - 2026

Capital Improvement Program for FY2021 – FY2026

The Capital Improvement Program for FY2022 – FY2026 was created by the Mayor pursuant to Article 7, Section 7-5, of the City of Northampton Charter and submitted to the Northampton City Council for public hearing and adoption no later than June 1, 2021.

The Capital Improvement Program consists of the following:

- 1) A general summary of its contents;
- 2) A list of all capital improvements proposed to be undertaken during the next five years, with supporting information as to the need for each capital improvement;
- 3) Cost estimates, methods of financing and recommended time schedules for each improvement; and
- 4) The estimated annual cost of operating and maintaining each facility and each piece of major equipment involved.

The required adoption of the Capital Improvement Program by City Council resolution does not constitute an authorization to spend or borrow funds for any of the capital items contained therein. Actual capital spending or borrowing on capital improvements for a given fiscal year must be proposed by the Mayor to the City Council via appropriation requests. The Capital Improvement Program provides a five-year roadmap of the City of Northampton's capital improvement needs and the ability to fund them is updated annually to inform ongoing capital budget spending and borrowing decisions.

Definition of Capital Improvements

A capital improvement is a physical public improvement involving a facility, parcel of land, or piece of major equipment, with an estimated useful life of five (5) years or more, and a cost of \$10,000 or more.

Among the items properly classified as capital improvements are:

New public buildings, or additions to existing buildings, including land acquisition costs and equipment needed to furnish the new building or addition for the first time;

Major alterations, renovations, or improvements to existing buildings that extend the useful life of the existing buildings by ten (10) years;

Land acquisition and/or improvement, unrelated to a public building, but necessary for conservation or park and recreation purposes;

Major equipment acquisition, replacement or refurbishment, including information technology hardware and software;

New construction or major improvements to city physical infrastructure, including streets, sidewalks, stormwater drains, the water distribution system, and the sanitary sewer system. Infrastructure improvements must extend the useful life of the infrastructure by at least ten (10) years to be appropriately classified as a capital improvement;

A feasibility study or engineering design services which are ancillary to a future capital improvement project.

The Capital Improvement Program Process

The Capital Improvement Program is reviewed and updated annually by the Mayor in consultation with the Finance Director. Each year the Mayor provides department heads an opportunity to submit requests for Capital Improvement Program funding and asks each department to rank their requests in order of priority. The Mayor and Finance Director review the priorities as submitted by the departments to develop a final, five-year program based on the City of Northampton's projected ability to finance the needed capital improvements.

Guidelines for Funding the Capital Improvement Program

The following guidelines have been developed by the city to guide the funding plan for the Capital Improvement Program and to schedule the required long-term debt for projects recommended for bonding.

- The city will strive to provide sufficient funding for adequate maintenance and orderly replacement of Capital Improvement Program projects and equipment.
- All assets will be maintained at a level that protects capital investment and minimizes future maintenance and replacement costs.
- All equipment replacement and maintenance needs for the next five years will be projected and the projection will be updated each year. A maintenance and replacement schedule based on this projection will be developed and followed.
- Premiums and surplus proceeds from the issuance of long-term debt will be used in accordance with MGL c. 44 sec. 20 as amended by the Municipal Modernization Act passed in 2016. Premiums received on bonds will be used to pay project and issuance costs and to reduce the amount of the borrowing authorization. Surplus proceeds will be used in accordance with MGL c. 44 sec. 20.
- Long-term borrowing will be confined to capital improvements too large to be financed from current revenues and reserves.
- Bonds will be paid back within a period not to exceed the expected useful life of the capital project. The term and amounts of the bonds will also not exceed statutory limits outlined in Massachusetts General Laws.
- Before bonded long-term debt is issued, the impact of debt service on total annual operating costs will be analyzed.

Capital projects may increase future expenses, decrease future expenses, or may be cost-neutral. The funding of capital projects may fall within available revenues (taxes or fees) or new revenue sources (debt or capital exclusions). It is important to project the impact that the proposed capital project has on the operating budget so that operating budget funding sources can also be identified or new funding sources recommended.

- Where possible, special assessments, revenues, or other self-supporting bonds will be used instead of general obligation bonds.

When specific benefits accrue to property owner(s) (i.e. sidewalks, sewer extensions), betterments may be assessed in accordance with state statutes and local policies. This funding source will contribute all or a portion of the costs associated with a capital project. Water, sewer, solid waste, and parking system capital needs will be financed from revenues generated from those enterprise funds even though they are technically still considered general obligation bonds.

- Good communication with bond rating agencies will be maintained, and a policy of full disclosure on every financial report and bond prospectus will be followed. Debt service and other capital investments will be managed in ways to maintain or enhance the city's credit rating.
- Overall net direct debt will not exceed 10% of assessed valuation (credit industry benchmark).

Net direct debt is direct debt minus self-supporting debt (debt that the city has pledged to repay from a source separate from its general tax revenues, such as water and sewer utility fees and charges). An increase in net direct bonded debt as a percentage of assessed valuation can mean that the city's ability to repay is diminishing. Long-term debt dependent on other revenues, such as water, sewer, solid waste, and parking system debt, should be calculated as a percentage of the revenue sources on which it depends. In FY2021, net direct debt for the General Fund as a percentage of assessed valuation is 1.2% and in FY2022 it is estimated at 1.3%.

- Total General Fund general obligation debt service and capital spending (including debt exclusion and capital exclusion overrides) will not exceed 10% of General Fund operating revenues.

The credit rating agencies, such as Standard and Poor's, consider debt service on net direct debt (i.e. non-self-supporting) exceeding 20% of net operating revenues as a potential problem. Dramatic increases in debt service can also indicate potential problems unless revenue sources increase to keep pace with these additions to fixed costs. The 10% benchmark provides a policy to apply to new projects and the growth of revenues to finance such projects. In FY2021 net direct debt as a percentage of General Fund operating revenues is 4.5% and in FY2022 it is estimated at 4.9%.

- Levy-supported General Fund general obligation debt service and capital spending (exclusive of dedicated revenue sources such as debt exclusion and capital exclusion overrides, state reimbursements, parking system receipts, etc.) will move to a goal of 5% of net General Fund operating revenues.

In FY2002, levy-supported general obligation debt service and capital spending was 1.6% of net General Fund operating revenues. In FY2021 levy-supported general obligation debt service is 3.7% of General Fund revenues and in FY2022 it is estimated to be 4.2%. The goal of increasing the city's annual capital spending and levy-supported debt to a minimum of 5% of net operating revenues is being pursued over a multi-year period.

- The city will attempt to maintain a long-term debt schedule so that at least 50% of outstanding principal will be paid within ten (10) years.

Debt service costs include principal and interest payments. Debt service costs are also a significant portion of fixed costs. A reasonable maturity schedule not only reduces interest costs, but recognizes that capital needs will continue to be identified and recommended. Credit rating bureaus review these maturity schedules and future capital needs. By the end of FY2030, the city will have retired 83.8% of current outstanding principal and by the end of FY2031 the city will

have retired 88.4% of current outstanding principal. This percentage also includes the issuance of additional bonds planned for in the future.

Funding Sources

The Capital Improvement Program identifies the following sources to fund proposed capital improvement projects in each of the five fiscal years:

Cash Capital – Cash Capital refers to those expenditures that are paid for in their entirety in the next fiscal year directly from the general fund. Each year the Mayor’s budget typically includes a budgeted amount to fund capital projects as part of the budget. Generally, cash will be used for smaller projects that don’t merit bonding. In FY2021, there were no funds allocated in the budget for cash capital due to the financial impacts of COVID-19. In FY2022, as part of the FY2022 General Fund Operating Budget, the Mayor will propose that the city resume its annual Cash Capital appropriation as a line item in the operating budget with a proposed appropriation of \$407,500.

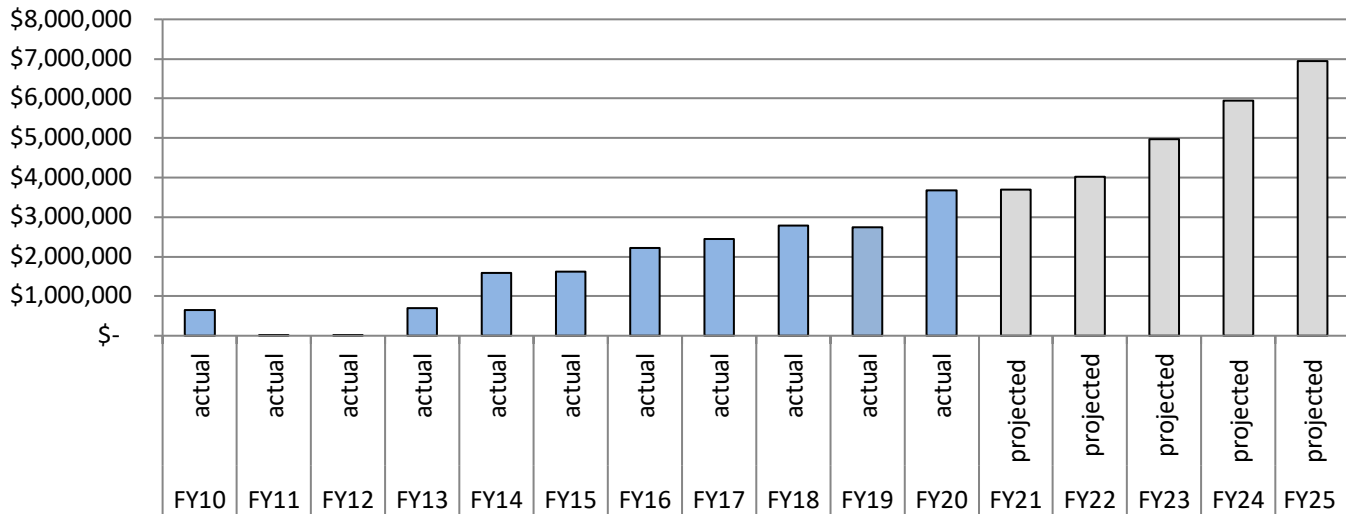
Free Cash – Each year the Mayor will propose a certain amount of funding for projects from the city’s undesignated fund balance or “free cash”. Since free cash will vary from year to year, the amount set aside for the capital projects will be determined soon after free cash is certified, which is generally in December each year, concurrent with setting the tax rate. The amount of free cash to be used for capital projects will depend on: 1) the amount of certified free cash, 2) the amount estimated to be needed for current year operating deficits such as snow and ice, etc. and, 3) the amount to be added to the city’s stabilization funds.

The target amount of free cash recommended for the FY2022 Capital Improvement Program is \$1,879,000. The five year plan proposes using approximately \$774,098 in FY2023, \$1,265,000 in FY2024, \$475,000 in FY2025 and \$705,000 in FY2026. It should be noted that since free cash will be certified each year prior to submission of the Capital Improvement Program, the proposed free cash amount will be updated to reflect the amount of certified free cash deemed reasonably available to fund capital improvements. Therefore, proposed free cash used for capital improvements will fluctuate based on availability.

Capital Stabilization – The city has a Capital Stabilization Fund into which funds are appropriated for future capital projects. Funds are appropriated into the Capital Stabilization Fund via an annual appropriation from the operating budget and from appropriations from free cash. The Capital Stabilization Fund has been growing ever since reaching a low-point in FY2011 when the balance was \$4,684. In FY2021 there were no funds allocated in the operating budget for the Capital Stabilization Fund due to the financial impacts of COVID-19. In FY2022, as part of the FY2022 General Fund Operating Budget, the Mayor will propose that the city resume its annual Capital Stabilization appropriation as a line item in the operating budget with a proposed appropriation of \$425,000.

Today the Capital Stabilization Fund has a balance of \$4.19 million. It is the city’s desire to keep a balance in this fund equivalent to 3.75% of the city’s General Fund budget in FY2022, with the goal of increasing this target percentage by 0.25% each year until reaching a reserve of 5% of the General Fund Operating Budget in the Capital Stabilization Fund. Each year funds in excess of the target threshold will be appropriated from the Capital Stabilization Fund to fund capital needs. In FY2022, it is planned to use \$500,000 from the Capital Stabilization Fund for projects. This will leave \$3.69 million which is 3.69% of the city’s General Fund Budget as a reserve. The chart below shows the history of the Capital Stabilization Account as well as projections for the next five years.

City of Northampton
Capital Stabilization Fund
 Actual and Projected
 FY2010 - FY2026



The following chart shows the projection for the Capital Stabilization Fund from FY2021 to FY2026:

CITY OF NORTHAMPTON GENERAL FUND CAPITAL STABILIZATION BALANCE PROJECTION						
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Activity in Capital Stabilization:						
5000-340616						
Capital Stabilization Starting Balance:	3,677,241	3,694,562	4,019,562	4,969,562	5,944,562	6,944,562
Contribution from Operating Budget:	-	425,000	450,000	475,000	500,000	500,000
Free Cash Appropriation - Actual or Estimated:	500,000	500,000	500,000	500,000	500,000	500,000
Interest Income	17,321					
Academy of Music Steps 9/2016						
DPW Sander Additional Funds 9/2016						
Use Toward Capital Plan for NEXT Fiscal Year	(500,000)	(600,000)	-	-	-	-
Total Projected Balance in Stabilization	3,694,562	4,019,562	4,969,562	5,944,562	6,944,562	7,944,562
Budgeted/Estimated General Fund Budget	100,198,808	103,204,772	106,300,915	109,489,943	112,774,641	116,157,880
Capital Stabilization as % of Budget:	3.69%	3.89%	4.67%	5.43%	6.16%	6.84%
Desired % to keep as Reserve:	3.50%	3.75%	4.00%	4.25%	4.50%	4.50%
Amount to keep as Reserve:	3,506,958	3,870,179	4,252,037	4,653,323	5,074,859	5,227,105
Additional Funds Available for Appropriation:	187,604	149,383	717,525	1,291,240	1,869,703	2,717,457

Parking Receipts Reserved for Appropriation – Capital improvements needed for the maintenance of the city’s parking systems will be funded from the Parking Receipts Reserved for Appropriation Account. Each year, the city develops a budget for parking maintenance and enforcement. Excess parking revenue is

generated when parking meter, lot and garage revenues exceed expenditures for maintenance and enforcement and that excess revenue is deposited into the Parking Receipts Reserved for Appropriation (RRA) Account to fund the city's parking mission. In FY2020, it was necessary for the Parking Receipts Reserved for Appropriation Fund to supplement the General Fund budget for revenues that were budgeted but were not received and the shortfall was \$363,517. The FY2021, Capital Improvement Program did not propose using any funds from the Parking RRA Account due to the loss of revenue from COVID-19 and in FY2021 it is projected that the Parking RRA Account will need to supplement the FY2021 budget in the amount of \$450,000. In FY2022, it is projected that parking revenues will begin to pick up as the vaccination efforts begin to support a return to normal and therefore the Mayor will propose \$115,000 of capital improvements for parking. The following chart shows the projection for the Parking Receipts Reserved for Appropriation Account from FY2021 to FY2026.

CITY OF NORTHAMPTON RECEIPTS RESERVED FOR PARKING BALANCE PROJECTION						
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Activity in RRA Parking:						
RRA Parking Starting Balance	1,038,727	473,727	553,727	618,727	768,727	918,727
Estimated Receipts Received Above Budgeted	-	150,000	150,000	150,000	150,000	150,000
Revenue Shortfall Fund to General Fund	(450,000)					
Other Revenue from completed projects or turnbacks						
Appropriations from RRA during fiscal year						
Use Toward Capital Plan for NEXT Fiscal Year	(115,000)	(70,000)	(85,000)	-	-	
Total Projected Balance in RRA at fiscal year end	473,727	553,727	618,727	768,727	918,727	1,068,727

Revolving Funds – The city maintains numerous revolving funds including several 53E ½ revolving funds such as the Fire Department Hazmat Fund, Senior Services Food Service Revolving Fund and Senior Service Transportation Revolving Fund, Building Rental for James House and Energy and Sustainability. There are also several school related revolving funds for school lunch, building maintenance, school transportation, and athletics. At times, it is appropriate for capital funding to come from these various revolving funds, as long as the funded capital item is integral to the purpose of the activity for which the revolving fund is authorized.

Community Preservation Act (CPA) Funding – CPA funds can be the source of funding for some capital items. The CPA has funded improvements to Forbes Library, renovations of city buildings and assets and the acquisition and development of new playing fields. CPA funding is recommended by the CPA Committee to the City Council through a separate process and therefore while not officially part of the City Capital Improvement Program, departments are often referred to seek CPA funding when the project fits CPA criteria.

Reprogrammed Funds – When there are funds remaining from completed capital projects, these funds are identified for reprogramming for other capital projects. The Capital Improvement Program identifies these residual balances and recommends reprogramming the remaining funds by obtaining City Council approval. Generally, the goal is to reprogram these funds for another capital need within the same department.

Other – Refers to those expenditures that are financed from sources that do not arise directly from the city's tax levy. These sources may be state and federal grants such as C.90 funds for road work, private donations, trust funds, sale of land, and other sources.

Enterprise Funds – Capital needs for the city's water, sewer, solid waste and stormwater and flood control services follow the same Capital Improvement Program process as General Fund projects. The Department

of Public Works budgets annually for many high cost recurring capital needs within the respective operating budgets for each Enterprise Fund. Therefore, there are no financial orders relative to funding projects paid out of the operating budget as the authorization to spend derives from passage of the annual budget. However, financial orders are brought to the City Council for enterprise fund projects that require borrowing or are proposed to be funded from the various Enterprise Fund Stabilization Funds.

CITY OF NORTHAMPTON ENTERPRISE STABILIZATION FUND PROJECTIONS						
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Water Stabilization						
Starting Balance	2,792,557	2,200,083	2,600,083	3,000,083	3,400,083	3,800,083
Transfer from Retained Earnings	-	400,000	400,000	400,000	400,000	400,000
Appropriation to Stabilization from Operating Budget						
Interest Earned and Gains/Losses	7,525					
Appropriated for Operating Budget	(600,000)					
Appropriated for Capital Projects						
Total Projected Balance at fiscal year end	2,200,083	2,600,083	3,000,083	3,400,083	3,800,083	4,200,083
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Sewer Stabilization						
Starting Balance	11,567,247	11,005,503	11,505,503	12,005,503	5,505,503	2,505,503
Transfer from Retained Earnings	-	500,000	500,000	500,000	500,000	500,000
Appropriation to Stabilization from Operating Budget						
Interest Earned and Gains/Losses	38,256					
Appropriated for Operating Budget	(600,000)					
Appropriated for Capital Projects				(7,000,000)	(3,500,000)	
Total Projected Balance at fiscal year end	11,005,503	11,505,503	12,005,503	5,505,503	2,505,503	3,005,503
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Stormwater Stabilization						
Starting Balance	552,845	555,044	655,044	755,044	855,044	955,044
Transfer from Retained Earnings	-	100,000	100,000	100,000	100,000	100,000
Appropriation to Stabilization from Operating Budget						
Interest Earned and Gains/Losses	2,199					
Appropriated for Operating Budget						
Appropriated for Capital Projects						
Total Projected Balance at fiscal year end	555,044	655,044	755,044	855,044	955,044	1,055,044
	Estimated FY2021	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026
Solid Waste Stabilization						
Starting Balance	1,600,401	1,600,401	1,600,401	1,600,401	1,600,401	1,600,401
Transfer from Retained Earnings						
Appropriation to Stabilization from Operating Budget						
Interest Earned and Gains/Losses						
Appropriated for Operating Budget						
Appropriated for Capital Projects						
Total Projected Balance at fiscal year end	1,600,401	1,600,401	1,600,401	1,600,401	1,600,401	1,600,401

Bonds/Borrowing – Bonds refer to those expenditures that are financed through borrowing. Payments to retire the bonds are required over an extended period of time, usually five to 20 years. These extended payments, which include both principal and interest, are typically referred to as “debt service”. Bonding is generally reserved for major expenditures such as the construction of a new facility or the purchase of major

equipment such as trucks for the DPW or Fire Apparatus. Major purchases such as these would be difficult to incorporate into the budget as cash expenditures and therefore funding is spread out over several years.

The Capital Improvement Program strives to maintain a prudent balance between funding by cash and funding by borrowing. The debt schedule is carefully planned to maximize opportunities for larger capital projects to be funded in a timely manner, without causing large spikes in debt service payments that could have a negative impact on the budget. Both borrowing within the levy limit and borrowing with voter approval of a debt exclusion override, thereby exempting the debt from the levy limit, are considered depending on the project. Typically, debt exclusions are used for the construction of large facilities. The city follows a set of guidelines and thresholds related to the amount and duration of debt the city will incur, which was detailed earlier in this plan.

It should be recognized that while the Capital Improvement Program funds new projects, the city has significant prior approved debt-service that must be paid each year. This debt-service should be recognized in the context of the city's commitment to maintaining its facilities, infrastructure and equipment. Existing debt-service is a significant component of the annual budget and therefore should be acknowledged in the Capital Improvement Program.

The following chart details the projected debt service for the General Fund and Enterprise Fund for the next five years. Total General Fund debt service in FY2022 is projected at \$5.3 million. Total Enterprise Fund debt service is projected at \$2.7 million in FY2022.

CITY OF NORTHAMPTON PROJECTED DEBT SERVICE FOR CAPITAL NEEDS <small>includes new debt service recommended in Capital Improvement Program</small>					
Fiscal Year	FY2022	FY2023	FY2024	FY2025	FY2026
GENERAL FUND					
Debt Excluded	620,476	609,671	601,027	592,112	582,659
Levy Limit	4,344,750	4,679,570	4,948,289	4,894,595	4,939,210
Other Funding Sources (inc CPA)	346,474	330,479	320,323	310,087	300,291
TOTAL DEBT SERVICE PROJECTION IN GENERAL FUND	5,311,700	5,619,720	5,869,639	5,796,795	5,822,160
ENTERPRISE FUNDS					
Water	2,354,826	3,046,956	3,147,309	3,551,799	3,282,639
Sewer	352,362	953,379	940,984	927,214	914,743
Solid Waste	-	-	-	-	-
Stormwater	38,150	37,450	36,663	35,875	-
TOTAL DEBT SERVICE PROJECTION IN ENTERPRISE FUNDS	2,745,338	4,037,785	4,124,956	4,514,888	4,197,382
ALL DEBT SERVICE	8,057,038	9,657,505	9,994,594	10,311,683	10,019,542

School Projects - With regard to projects funded for the city's two school districts, when a project receives funding, the city will make a distinction between projects funded as "extraordinary maintenance" and projects funded as "capital". This distinction is necessary as projects that meet the criteria of "extraordinary maintenance", as defined by the Department of Elementary and Secondary Education (DESE), are included

in the calculation of Net School Spending (NSS). The definition of “extraordinary maintenance” by DESE is as follows:

"Extraordinary Maintenance means the periodic servicing, repair or reconditioning of school buildings, grounds or equipment to extend the useful life of an existing asset, provided that the total cost per project per school of an extraordinary maintenance project shall not exceed \$150,000."

FY2022 - FY2026 Capital Improvement Program Projects and Funding Sources

City Council orders to fund projects for the FY2022 capital plan will be presented following the City Council’s hearing on the Capital Improvement Program.

The Capital Improvement Program contains a total of 101 projects totaling \$76,628,290 programmed over the next five fiscal years. Within Central Services there are many projects related to building improvements in other departments such as Fire Rescue and Forbes Library. Likewise within IT Services there are many projects that relate to technology across many departments. Consolidating oversight of projects under Central Services and IT Services results in improved project management and procurement.

A list of the proposed projects for the next five years is included as Appendix A. Appendix B details the specific funding source for each approved project by fiscal year. Appendix C contains Departmental Project Request Forms with more detailed information on each requested project. The charts below summarize the number of projects by department and the projected funding sources for the FY2022 – FY2026 Capital Improvement Program.

CITY DEPARTMENTS		
Northampton Public Schools - Non-Facility Projects	5	\$ 302,000
Central Services - Northampton Public Schools	21	\$ 6,115,000
Central Services - City	9	\$ 908,000
Central Services - Parking	4	\$ 210,000
Smith Vocational & Agricultural Schools	7	\$ 1,016,715
Planning & Sustainability	4	\$ 575,000
Information Technology Services	6	\$ 486,000
Parks & Recreation	2	\$ 169,575
Public Safety Dispatch	2	\$ 6,150,000
Building Department	2	\$ 58,000
Treasurer-Collector/Parking Enforcement	2	\$ 60,000
Fire Rescue	9	\$ 1,232,000
Department of Public Works - General Fund	11	\$15,107,000
Sub-total City Departments	84	\$32,389,290
ENTERPRISE FUNDS		
Sewer	5	\$17,497,100
Stormwater and Flood Control	3	\$ 5,537,500
Water	9	\$21,204,400
Solid Waste	0	\$ -
Sub-total Enterprise Funds	17	\$44,239,000
TOTAL GENERAL FUND AND ENTERPRISE FUNDS	101	\$76,628,290

CITY OF NORTHAMPTON
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
COVERING FISCAL YEARS 2022 -2026
PROJECTED FUNDING SOURCES

	FIVE YEAR PLAN					
Funding Sources	FY2022	FY2023	FY2024	FY2025	FY2026	TOTALS
General Fund Cash Capital	407,500	448,617	448,500	290,000	325,000	1,919,617
Free Cash	1,879,000	774,098	1,265,000	475,000	705,000	5,098,098
Regular Stabilization	-	-	-	-	-	-
Capital Stabilization	500,000	600,000	-	-	-	1,100,000
General Fund Bonds/Borrowing	8,635,000	2,075,000	5,545,000	1,972,000	2,200,000	20,427,000
General Fund Operating Budget	575,000	575,000	575,000	575,000	575,000	2,875,000
						-
Receipts Reserved for Parking	115,000	70,000	85,000	-	-	270,000
Receipts Reserved Sale of Land	733,575	-	-	-	-	733,575
Revolving Funds	-	-	-	-	-	-
Trust Funds	25,000	25,000	25,000	25,000	25,000	125,000
Reprogrammed/Other Funds	205,000	60,000	-	-	-	265,000
						-
Water Enterprise Fund Operating Budget	1,780,000	1,386,900	1,251,000	1,887,500	1,225,000	7,530,400
Water Enterprise Stabilization	-	-	-	-	-	-
Water Enterprise Fund Borrowing	-	5,000,000	-	8,250,000	-	13,250,000
Sewer Enterprise Fund Operating Budget	1,530,100	2,014,500	1,635,000	892,500	925,000	6,997,100
Sewer Enterprise Stabilization	-	-	-	7,000,000	3,500,000	10,500,000
Sewer Enterprise Fund Borrowing	-	-	-	-	-	-
Stormwater Enterprise Fund Operating Budget	1,000,000	1,157,500	1,000,000	1,125,000	1,255,000	5,537,500
Stormwater Enterprise Stabilization	-	-	-	-	-	-
Stormwater Enterprise Borrowing	-	-	-	-	-	-
Solid Waste Enterprise Fund Operating Budget	-	-	-	-	-	-
Total:	17,385,175	14,186,615	11,829,500	22,492,000	10,735,000	76,628,290

APPENDIX A

**CITY OF NORTHAMPTON CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY YEAR FY2022 - FY2026**

Department	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
NPS	Replacement 2005 - 30 passenger wheelchair bus	\$110,000					\$110,000
NPS	JFK Walk-In Freezer	\$30,000					\$30,000
NPS	Replacement 2007 - 30 passenger wheelchair		\$120,000				\$120,000
NPS	Steamer and Kettle Unite - NHS Cafeteria		\$32,000				\$32,000
NPS	Double Convection Oven Unit- NHS		\$10,000				\$10,000
	Totals	\$140,000	\$162,000	\$0	\$0	\$0	\$302,000
Central Services - NPS	Leeds: Playground Fencing	\$25,000					\$25,000
Central Services - NPS	Leeds: Window Replacement	\$30,000		\$250,000			\$280,000
Central Services - NPS	JFK: Energy Management System Upgrades	\$150,000					\$150,000
Central Services - NPS	High School: Replace Theatre Fire Curtain	\$50,000					\$50,000
Central Services - NPS	DW: Facilities Assessments for Greenhouse Gas Emissions Reductions						\$0
	Bridge-Leeds-Jackson	\$60,000					\$60,000
	High School-JFK-Ryan Road		\$60,000				\$60,000
Central Services - NPS	Leeds: Replace Handicap Lift in Cafeteria	\$100,000					\$100,000
Central Services - NPS	Leeds: Energy Management System Upgrades				\$100,000		\$100,000
	Leeds: Flooring Replacement	\$65,000	\$65,000				\$130,000
Central Services - NPS	Leeds: Boiler Replacement			\$175,000			\$175,000
Central Services - NPS	JFK: Roof Replacement			\$3,500,000			\$3,500,000
Central Services - NPS	JFK: Window Repairs	\$20,000	\$20,000				\$40,000
Central Services - NPS	JFK: Paving			\$150,000			\$150,000
Central Services - NPS	JFK: Replace Flooring in Guidance, Library , & Administration Offices		\$75,000				\$75,000
Central Services - NPS	JFK: Rebuild Tennis Courts			\$200,000			\$200,000
Central Services - NPS	Ryan Road: Energy Management System Upgrades			\$130,000			\$130,000
Central Services - NPS	Bridge Street: Boiler Replacement				\$175,000		\$175,000
Central Services - NPS	Bridge Street: Energy Management System Upgrades					\$100,000	\$100,000
Central Services - NPS	Bridge Street: Repair-Replace Gym Windows		\$30,000	\$170,000			\$200,000
Central Services - NPS	Jackson Street: Energy Management System Upgrades		\$150,000				\$150,000
Central Services - NPS	High School: Track Resurfacing					\$225,000	\$225,000
Central Services - NPS	High School: Repoint Chimney	\$40,000					\$40,000
	Totals	\$540,000	\$400,000	\$4,575,000	\$275,000	\$325,000	\$6,115,000
Central Services- City	Senior Center- Paint Exterior of Building	\$118,000					\$118,000
Central Services- City	Academy of Music- Replace Stage Fire Curtain	\$150,000					\$150,000
Central Services- City	Florence Fire Station- Pave Rear Parking Lot	\$65,000					\$65,000
Central Services- City	Lighting Upgrades Multiple City Facilities	\$110,000					\$110,000
Central Services- City	Purchase City Maintenance Vehicles-Replace 2005 Van & 2002 Utility Truck	\$45,000	\$45,000				\$90,000
Central Services- City	Senior Center- Lobby-Reception Upgrades	\$30,000					\$30,000
Central Services- City	Academy of Music- Upgrade Air Conditioning System			\$120,000			\$120,000
Central Services- City	Replace Memorial Hall Asphalt Roof					\$125,000	\$125,000
Central Services- City	Forbes Library- Lower Level Ventilation & HVAC Upgrades		\$100,000				\$100,000
	Totals	\$518,000	\$145,000	\$120,000		\$125,000	\$908,000
Central Services- Parking	Vehicle: Replace 2011 Truck - Flat Bed	\$60,000					\$60,000
Central Services- Parking	E.J. Gare Garage Repairs	\$25,000		\$25,000			\$50,000
Central Services- Parking	Equipment: 2001 Bobcat Skid-Steer Loader		\$40,000				\$40,000
Central Services- Parking	Vehicle: Replace 2014 Truck- Flat Bed			\$60,000			\$60,000
	Totals	\$85,000	\$40,000	\$85,000		\$0	\$210,000
SVAHS	Sidewalks		\$149,098				\$149,098
SVAHS	Building C- boiler replacement	\$180,000					\$180,000
SVAHS	Nurses office renovation	\$206,000					\$206,000
SVAHS	Upgrade Network Infrastructure		\$46,255				\$46,255
SVAHS	Rewiring SVAHS Building A		\$25,362				\$25,362

CITY OF NORTHAMPTON CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY YEAR FY2022 - FY2026

Department	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
SVAHS	Window replacement	\$50,000	\$250,000				\$300,000
SVAHS	Replace 2001 Student Activity Vans - 2 Vans		\$110,000				\$110,000
	Totals	\$436,000	\$580,715				\$1,016,715
Planning & Sustainability	Conservation Equipment Storage	\$15,000					\$15,000
Planning & Sustainability	Multiuse Trails (bicycle paths)	\$50,000	\$60,000	\$60,000	\$60,000	\$60,000	\$290,000
Planning & Sustainability	Comprehensive Planning	\$60,000	\$60,000	\$60,000			\$180,000
Planning & Sustainability	Retiring Tax Title		\$30,000	\$30,000	\$30,000		\$90,000
	Totals	\$125,000	\$150,000	\$150,000	\$90,000	\$60,000	\$575,000
ITS	Dispatch Radio Computer Servers & Stations	\$16,000					\$16,000
ITS	City Server System Replacement (Consoildation)	\$100,000					\$100,000
ITS	NHS PA System Replacement	\$30,000					\$30,000
ITS	NPS Wireless System Upgrade and Replacement	\$270,000					\$270,000
ITS	UPS Systems Replacement - NFD		\$35,000				\$35,000
ITS	UPS Systems Replacement - NPD			\$35,000			\$35,000
	Totals	\$416,000	\$35,000	\$35,000			\$486,000
Parks & Recreation	Florence Fields Recreation Area-Stage 2	\$94,575					\$94,575
Parks & Recreation	City Field Improvements	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
	Totals	\$109,575	\$15,000	\$15,000	\$15,000	\$15,000	\$169,575
Public Safety-Dispatch	Radio Positons	\$150,000					\$150,000
Public Safety-Dispatch	Radio Communication System Upgrade to P25	\$6,000,000					\$6,000,000
	Totals	\$6,150,000	\$0	\$0	\$0	\$0	\$6,150,000
Building Dept	Replace 2013 Inspection Vehicle Small AWD Hybrid SUV		\$28,000				\$28,000
Building Dept	Replace 2016 Inspection Vehicle Small AWD Hybrid SUV				\$30,000		\$30,000
	Totals		\$28,000		\$30,000		\$58,000
Parking Enforcement	Vehicle Replacement 2015 Nissan Leaf	\$30,000					\$30,000
Parking Enforcement	Vehicle Replacement 2015 Nissan Leaf		\$30,000				\$30,000
	Totals	\$30,000	\$30,000				\$60,000
Fire Rescue	Replace Cardiac Monitors from Four Ambulances	\$75,000					\$75,000
Fire Rescue	Replace 2007 Mechanic /Plow Vehicle	\$65,000					\$65,000
Fire Rescue	Replace 1998 Quad with UTV	\$26,500					\$26,500
Fire Rescue	Replace 2011 EMS Chief Sedan with an SUV		\$47,000				\$47,000
Fire Rescue	SCBA Replacment		\$95,000				\$95,000
Fire Rescue	Replace 2016 Shift Commander Vehicle			\$58,000			\$58,000
Fire Rescue	Thermal Imager Replacement			\$35,500			\$35,500
Fire Rescue	Turnout Gear				\$130,000		\$130,000
Fire Rescue	Replace 1999 Engine 4					\$700,000	\$700,000
	Totals	\$166,500	\$142,000	\$93,500	\$130,000	\$700,000	\$1,232,000
DPW-General	Street Resurfacing	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
DPW-General	Road Improvements	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
DPW-General	Leeds- Main St./Arch Bridge Repair	\$500,000					\$500,000
DPW-General	Hotel Bridge Repairs	\$450,000					\$450,000
DPW-General	Pavement Markings	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
DPW-General	Sidewalks	\$175,000	\$200,000	\$200,000	\$200,000	\$200,000	\$975,000
DPW-General	Traffic Signals	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
DPW-General	Traffic Calming	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
DPW-General	Forestry Improvements	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$875,000
DPW-General	Cemetery Improvements	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
DPW-General	Vehicle Replacement	\$685,000	\$575,000	\$545,000	\$472,000	\$280,000	\$2,557,000
	Totals	\$3,935,000	\$2,900,000	\$2,870,000	\$2,797,000	\$2,605,000	\$15,107,000
DPW-Sewer	WWTP & Pump Station Improvements	\$0	\$1,000,000	\$700,000	\$7,000,000	\$3,500,000	\$12,200,000

**CITY OF NORTHAMPTON CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY YEAR FY2022 - FY2026**

Department	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
DPW-Sewer	WWTP Equipment Replacement	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
DPW-Sewer	Sewer Line Replacement	\$1,300,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,300,000
DPW-Sewer	Sewer Collection System Equipment	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
DPW-Sewer	Vehicle Replacement	\$150,100	\$184,500	\$105,000	\$62,500	\$95,000	\$597,100
	Totals	\$1,530,100	\$2,014,500	\$1,635,000	\$7,892,500	\$4,425,000	\$17,497,100
DPW-Stormwater	Stormdrain Line Replacement	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
DPW-Stormwater	Flood Control System Upgrades	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
DPW-Stormwater	Vehicle Replacement		\$157,500		\$125,000	\$255,000	\$537,500
	Total	\$1,000,000	\$1,157,500	\$1,000,000	\$1,125,000	\$1,255,000	\$5,537,500
DPW-Water	Waterline Replacement	\$1,924,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,924,000
DPW-Water	Transmission Main Rehabilitation	\$100,000	\$0	\$0	\$8,250,000	\$0	\$8,350,000
DPW-Water	Reservoir Construction	\$0	\$5,000,000	\$0	\$750,000	\$0	\$5,750,000
DPW-Water	Watershed Land Acquisition	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
DPW-Water	Meter and Radio Read Replacement	\$30,000	\$95,000	\$95,000	\$95,000	\$95,000	\$410,000
DPW-Water	Hydrant Replacement	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000
DPW-Water	Granular Activated Carbon	\$0	\$150,000	\$150,000	\$0	\$0	\$300,000
DPW-Water	WTP & Distribution System Equipment	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
DPW-Water	Vehicle Replacement	\$150,000	\$161,900	\$26,000	\$62,500	\$150,000	\$550,400
	Total	\$2,204,000	\$6,386,900	\$1,251,000	\$10,137,500	\$1,225,000	\$21,204,400
	TOTAL	\$17,385,175	\$14,186,615	\$11,829,500	\$22,492,000	\$10,735,000	\$76,628,290

APPENDIX B

CITY OF NORTHAMPTON

FISCAL YEAR 2022 CAPITAL IMPROVEMENT PROGRAM BY FUNDING SOURCE

		General Fund			Stabilization		Borrowing		Enterprise Funds				Trust Funds	Revolving Funds	Receipt Reserved Funds		Other and Reprogrammed		
Project Title	Mayor's Recommendation	Cash Capital	Free Cash	General Fund Operating Budget	Regular Stabilization	Capital Stabilization	Amount	Number of Years	Enterprise Fund Operating Budget	Enterprise Stabilization Funds	Enterprise Borrowing	Number of Years	Cemetery Perpetual Care	Revolving Funds	Sale of Land	Parking	Amount	Funds	Total
Parking Maintenance and Enforcement	\$ 17,385,175	\$ 407,500	\$ 1,879,000	\$ 575,000	\$ -	\$ 500,000	\$ 8,635,000		\$ 4,310,100	\$ -	\$ -		\$ 25,000	\$ -	\$ 733,575	\$ 115,000	\$ 205,000		\$ 17,385,175
Vehicle: Replace 2011 Flatbed Truck	\$ 60,000															\$ 60,000			\$ 60,000
EJ Gare Garage Repairs	\$ 25,000															\$ 25,000			\$ 25,000
Vehicle: Enforcement 2015 Nissan Leaf Replacement	\$ 30,000															\$ 30,000			\$ 30,000
Central Services																			
AOM: Replace Stage Fire Curtain	\$ 150,000		\$ 150,000																\$ 150,000
Senior Center - Paint Exterior of Building	\$ 118,000		\$ 118,000																\$ 118,000
Florence Fire Station: Pave Rear Parking Lot	\$ 65,000		\$ 65,000																\$ 65,000
Lighting Upgrades Multiple City Facilities	\$ 110,000		\$ 110,000																\$ 110,000
Vehicle: Replace 2005 City Maintenance Vehicle	\$ 45,000	\$ 45,000																	\$ 45,000
Senior Center - Lobby Reception Upgrades	\$ 30,000	\$ 30,000																	\$ 30,000
Dispatch																			
Radio Positions	\$ 150,000		\$ 150,000																\$ 150,000
Radio Communication System Upgrade to P25	\$ 6,000,000						\$ 6,000,000	10											\$ 6,000,000
Information Technology Services																			\$ -
Dispatch Radio Computer Servers & Stations	\$16,000	\$ 16,000																	\$ 16,000
City Server System Replacement (Consolidation)	\$100,000															\$ 100,000	Fund2337 - PEG Access Cable Capital Fund		\$ 100,000
NHS PA System Replacement	\$30,000	\$ 30,000																	\$ 30,000
NPS Wireless System Upgrade and Replacement	\$270,000		\$ 220,000														\$ 50,000	Fund2337 - PEG Access Cable Capital Fund	\$ 270,000
Planning and Sustainability																			
Multiuse Trails (bicycle paths)	\$ 50,000	\$ 50,000																	\$ 50,000
Comprehensive Planning	\$ 60,000		\$ 60,000																\$ 60,000
Conservation Equipment Storage	\$ 15,000	\$ 15,000																	\$ 15,000
Fire Rescue																			
Replace 2007 Mechanic /Plow Vehicle	\$ 65,000		\$ 65,000																\$ 65,000
Replace 1998 Quad with UTV	\$ 26,500	\$ 26,500																	\$ 26,500
Replace Cardiac Monitors in Four Ambulance Units	\$ 75,000		\$ 75,000																\$ 75,000
Recreation																			
Florence Fields Recreation Area - Stage 2	\$ 94,575														\$ 94,575				\$ 94,575
City Field Improvements	\$ 15,000	\$ 15,000																	\$ 15,000
Northampton Public Schools																			
Replacement 2005 - 30 passenger wheelchair bus	\$ 110,000		\$ 55,000														\$ 55,000	NPS Transportation Revolving Fund	\$ 110,000
JFK Cafeteria: Walk in Freezer	\$ 30,000	\$ 30,000																	\$ 30,000
Leeds: Playground Fencing	\$ 25,000	\$ 25,000																	\$ 25,000
JFK: Energy Management System	\$ 150,000		\$ 150,000																\$ 150,000
NHS: Replace Theatre Fire Curtain	\$ 50,000														\$ 50,000				\$ 50,000
DW: Facilities Assessment for Greenhouse Gas Emissions	\$ 60,000		\$ 60,000																\$ 60,000
Leeds: Replace Handicap Lift in Cafeteria	\$ 100,000														\$ 100,000				\$ 100,000
Leeds Floor Replacement	\$ 65,000														\$ 65,000				\$ 65,000
JFK: Window Repairs	\$ 20,000	\$ 20,000																	\$ 20,000
Leeds: Window Replacement - Engineering	\$ 30,000	\$ 30,000																	\$ 30,000
NHS: Repoint Chimney	\$ 40,000		\$ 40,000																\$ 40,000
Smith Vocational and Agricultural School																			
Building C - Boiler Replacement	\$ 180,000		\$ 180,000																\$ 180,000
Nurses Office Renovation	\$ 206,000		\$ 206,000																\$ 206,000
Window Replacement	\$ 50,000	\$ 50,000																	\$ 50,000
Department of Public Works																			
General Fund:																			
Street Resurfacing	\$ 1,500,000						\$ 1,500,000	10											\$ 1,500,000
Road Improvements	\$ 250,000		\$ 250,000																\$ 250,000
Leeds - Main Street/Arch Bridge Repair	\$ 500,000					\$ 500,000													\$ 500,000
Hotel Bridge Repairs	\$ 450,000						\$ 450,000	10											\$ 450,000
Pavement Markings	\$ 100,000		\$ 100,000																\$ 100,000
Sidewalks	\$ 175,000		\$ 175,000																\$ 175,000
Traffic Signals	\$ 50,000		\$ 50,000																\$ 50,000
Traffic Calming	\$ 25,000	\$ 25,000																	\$ 25,000
Forestry Improvements	\$ 175,000		\$ 175,000																\$ 175,000
Cemetery Improvements	\$ 25,000												\$ 25,000						\$ 25,000
Vehicle Replacement	\$ 685,000						\$ 685,000	5											\$ 685,000
Water Enterprise:																			\$ -
Waterline Replacement	\$ 1,924,000								\$ 1,500,000						\$ 424,000				\$ 1,924,000
Transmission Main Rehabilitation	\$ 100,000								\$ 100,000										\$ 100,000

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CITY OF NORTHAMPTON

FISCAL YEAR 2023 CAPITAL IMPROVEMENT PROGRAM BY FUNDING SOURCE

		General Fund			Stabilization		Borrowing		Enterprise Funds				Trust Funds	Revolving Funds	Receipt Reserved Funds		Other and Reprogrammed		
	Mayor's Recommendation	Cash Capital	Free Cash	General Fund Operating Budget	Regular Stabilization	Capital Stabilization	Amount	Number of Years	Enterprise Fund Operating Budget	Enterprise Stabilization Funds	Enterprise Borrowing	Number of Years	Cemetery Perpetual Care	Revolving Funds	Sale of Land	Parking	Amount	Funds	Total
Project Title																			
	\$ 14,186,615	\$ 448,617	\$ 774,098	\$ 575,000	\$ -	\$ 600,000	\$ 2,075,000	15	\$ 4,558,900	\$ -	\$ 5,000,000	20	\$ 25,000	\$ -	\$ -	\$ 70,000	\$ 60,000		\$ 14,186,615
Parking Maintenance and Enforcement																			
Equipment: 2001 Bobcat Skid-Steer Loader	\$ 40,000															\$ 40,000			\$ 40,000
Vehicle: Enforcement 2015 Nissan Leaf Replacement	\$ 30,000															\$ 30,000			\$ 30,000
Central Services																			
Vehicle: Replace 2002 City Maintenance Vehicle	\$ 45,000	\$ 45,000																	\$ 45,000
Forbes Library- Lower Level Ventilation & HVAC Upgrades	\$ 100,000		\$ 100,000																\$ 100,000
Building Inspections																			
Replace 2013 Inspection Vehicle Small AWD Hybrid SUV	\$ 28,000	\$ 28,000																	\$ 28,000
Information Technology Services																			
UPS Systems Replacement - Fire Rescue	\$ 35,000	\$ 35,000																	\$ 35,000
Planning and Sustainability																			
Multituse Trails (bicycle paths)	\$ 60,000		\$ 60,000																\$ 60,000
Comprehensive Planning	\$ 60,000	\$ 60,000																	\$ 60,000
Retiring Tax Title	\$ 30,000	\$ 30,000																	\$ 30,000
Fire Rescue																			
Replace 2011 EMS Chief Sedan with SUV	\$ 47,000	\$ 47,000																	\$ 47,000
SCBA Replacement	\$ 95,000		\$ 95,000																\$ 95,000
Parks and Recreation																			
City Field Improvements	\$ 15,000	\$ 15,000																	\$ 15,000
Northampton Public Schools																			
Replacement 2007 - 30 passenger wheelchair	\$ 120,000		\$ 60,000														\$ 60,000 NPS Transportation Revolving Fund		\$ 120,000
NHS Cafeteria: Steamer & Kettle Unit	\$ 32,000	\$ 32,000																	\$ 32,000
NHS Cafeteria: Double Convection Oven Unit	\$ 10,000	\$ 10,000																	\$ 10,000
DW: Facilities Assessment for Greenhouse Gas Emissions	\$ 60,000		\$ 60,000																\$ 60,000
Leeds: Flooring Replacement	\$ 65,000		\$ 65,000																\$ 65,000
JFK: Window Repairs	\$ 20,000	\$ 20,000																	\$ 20,000
JFK: Replace flooring in Guidance and Admin Offices	\$ 75,000		\$ 75,000																\$ 75,000
Bridge: Repair Gymnasium Windows	\$ 30,000	\$ 30,000																	\$ 30,000
Jackson Street: Energy Management System	\$ 150,000					\$ 150,000													\$ 150,000
Smith Vocational and Agricultural School																			
Replace 2001 Student Activity Vans - 2 Vans	\$ 110,000		\$ 110,000																\$ 110,000
Window Replacement	\$ 250,000					\$ 250,000													\$ 250,000
Upgrade Network Infrastructure	\$ 46,255	\$ 46,255																	\$ 46,255
Rewiring SVAHS Building A	\$ 25,362	\$ 25,362																	\$ 25,362
Sidewalks	\$ 149,098		\$ 149,098																\$ 149,098
Department of Public Works																			
General Fund:																			
Street Resurfacing	\$ 1,500,000						\$ 1,500,000	10											\$ 1,500,000
Road Improvements	\$ 250,000		\$ 250,000																\$ 250,000
Pavement Markings	\$ 100,000		\$ 100,000																\$ 100,000
Sidewalks	\$ 200,000					\$ 200,000													\$ 200,000
Traffic Signals	\$ 50,000		\$ 50,000																\$ 50,000
Traffic Calming	\$ 25,000	\$ 25,000																	\$ 25,000
Forestry Improvements	\$ 175,000		\$ 175,000																\$ 175,000
Cemetery Improvements	\$ 25,000												\$ 25,000						\$ 25,000
Vehicle Replacement	\$ 575,000						\$ 575,000	5											\$ 575,000
Water Enterprise:																			
Waterline Replacement	\$ 750,000								\$ 750,000										\$ 750,000
Reservoir Construction	\$ 5,000,000									\$ 5,000,000		20							
Watershed Land Acquisition	\$ 100,000								\$ 100,000										
Meter and Radio Read Replacement	\$ 95,000								\$ 95,000										
Hydrant Replacement	\$ 30,000								\$ 30,000										\$ 30,000
Granular Activated Carbon	\$ 150,000								\$ 150,000										\$ 150,000
WTP & Distribution System Equipment	\$ 100,000								\$ 100,000										\$ 100,000
Vehicle Replacement	\$ 161,900								\$ 161,900										\$ 161,900
Sewer Enterprise:																			
WWTP & Pump Station Improvements	\$ 1,000,000								\$ 1,000,000										\$ 1,000,000
WWTP Equipment Replacement	\$ 50,000								\$ 50,000										\$ 50,000
Sewer Line Replacement	\$ 750,000								\$ 750,000										\$ 750,000
Sewer Collection System Equipment	\$ 30,000								\$ 30,000										\$ 30,000

Vehicle Replacement	\$	184,500	\$	184,500	\$	184,500
Stormwater Enterprise:						
Stormdrain Line Replacement	\$	500,000	\$	500,000	\$	500,000
Flood Control System Upgrades	\$	500,000	\$	500,000	\$	500,000
Vehicle Replacements	\$	157,500	\$	157,500	\$	157,500

CITY OF NORTHAMPTON
FISCAL YEAR 2024 CAPITAL IMPROVEMENT PROGRAM BY FUNDING SOURCE

		General Fund			Stabilization		Borrowing		Enterprise Funds				Trust Funds	Revolving Funds	Receipt Reserved Funds		Other and Reprogrammed		
	Mayor's Recommendation	Cash Capital	Free Cash	General Fund Operating Budget	Regular Stabilization	Capital Stabilization	Amount	Number of Years	Enterprise Fund Operating Budget	Enterprise Stabilization Funds	Enterprise Borrowing	Number of Years	Cemetery Perpetual Care	Revolving Funds	Sale of Land	Parking	Amount	Funds	Total
Project Title	\$ 11,829,500	\$ 448,500	\$ 1,265,000	\$ 575,000	\$ -	\$ -	\$ 5,545,000		\$ 3,886,000	\$ -	\$ -		\$ 25,000	\$ -	\$ -	\$ 85,000	\$ -		\$ 11,829,500
Parking Maintenance																			
E.J. Gare Garage Repairs	\$ 25,000															\$ 25,000			\$ 25,000
Vehicle Replacement: 2014 Flat-Bed Truck	\$ 60,000															\$ 60,000			\$ 60,000
Central Services																			
AOM: Upgrade Air Conditioning System - Eng & Construction	\$ 120,000		\$ 120,000																\$ 120,000
Planning and Sustainability																			
Multiuse Trails (bicycle paths)	\$ 60,000	\$ 60,000																	\$ 60,000
Comprehensive Planning	\$ 60,000	\$ 60,000																	\$ 60,000
Retiring Tax Title	\$ 30,000	\$ 30,000																	\$ 30,000
Information Technology Services																			
UPS System Replacement Police Department	\$ 35,000	\$ 35,000																	\$ 35,000
Fire Rescue																			
Replace 2016 Shift Commander Vehicle	\$ 58,000	\$ 58,000																	\$ 58,000
Thermal Imager Relpacement	\$ 35,500	\$ 35,500																	\$ 35,500
Parks and Recreation																			
City Field Improvements	\$ 15,000	\$ 15,000																	\$ 15,000
Northampton Public Schools																			
Leeds: Window Replacement	\$ 250,000		\$ 250,000																\$ 250,000
Leeds: Boiler Replacement	\$ 175,000		\$ 175,000																\$ 175,000
JFK: Roof Replacement	\$ 3,500,000						\$ 3,500,000	20											\$ 3,500,000
JFK: Rebuild Tennis Courts	\$ 200,000		\$ 200,000																\$ 200,000
JFK: Parking Lot Paving	\$ 150,000		\$ 150,000																\$ 150,000
Ryan Road : Energy Management System Upgrades	\$ 130,000	\$ 130,000																	\$ 130,000
Bridge: Repair Gymnasium Windows	\$ 170,000		\$ 170,000																\$ 170,000
Department of Public Works																			
General Fund:																			
Street Resurfacing	\$ 1,500,000						\$ 1,500,000	10											\$ 1,500,000
Road Improvements	\$ 250,000			\$ 250,000															\$ 250,000
Pavement Markings	\$ 100,000			\$ 100,000															\$ 100,000
Sidewalks	\$ 200,000		\$ 200,000																\$ 200,000
Traffic Signals	\$ 50,000			\$ 50,000															\$ 50,000
Traffic Calming	\$ 25,000	\$ 25,000																	\$ 25,000
Forestry Improvements	\$ 175,000			\$ 175,000															\$ 175,000
Cemetery Improvements	\$ 25,000												\$ 25,000						\$ 25,000
Vehicle Replacement	\$ 545,000						\$ 545,000	5											\$ 545,000
Water Enterprise:																			
Waterline Replacement	\$ 750,000								\$ 750,000										\$ 750,000
Watershed Land Acquisition	\$ 100,000								\$ 100,000										\$ 100,000
Meter and Radio Read Replacement	\$ 95,000								\$ 95,000										\$ 95,000
Hydrant Replacement	\$ 30,000								\$ 30,000										\$ 30,000
Granular Activated Carbon	\$ 150,000								\$ 150,000										\$ 150,000
WTP & Distribution System Equipment	\$ 100,000								\$ 100,000										\$ 100,000
Vehicle Replacement	\$ 26,000								\$ 26,000										\$ 26,000
Sewer Enterprise:																			
WWTP & Pump Station Improvements	\$ 700,000								\$ 700,000										\$ 700,000
WWTP Equipment Replacement	\$ 50,000								\$ 50,000										\$ 50,000
Sewer Line Replacement	\$ 750,000								\$ 750,000										\$ 750,000
Sewer Collection System Equipment	\$ 30,000								\$ 30,000										\$ 30,000
Vehicle Replacement	\$ 105,000								\$ 105,000										\$ 105,000
Stormwater Enterprise:																			
Stormdrain Line Replacement	\$ 500,000								\$ 500,000										\$ 500,000
Flood Control System Upgrades	\$ 500,000								\$ 500,000										\$ 500,000

CITY OF NORTHAMPTON
FISCAL YEAR 2026 CAPITAL IMPROVEMENT PROGRAM BY FUNDING SOURCE

		General Fund			Stabilization		General Fund Borrowing		Enterprise Funds				Trust Funds	Revolving Funds	Receipt Reserved Funds		Other and Reprogrammed		
Project Title	Mayor's Recommendation	Cash Capital	Free Cash	General Fund Operating Budget	Regular Stabilization	Capital Stabilization	Amount	Number of Years	Enterprise Fund Operating Budget	Enterprise Stabilization Funds	Enterprise Borrowing	Number of Years	Cemetery Perpetual Care	Revolving Funds	Sale of Land	Parking	Amount	Source of Funds	Total
	\$ 10,735,000	\$ 325,000	\$ 705,000	\$ 575,000	\$ -	\$ -	\$ 2,200,000		\$ 3,405,000	\$ 3,500,000	\$ -		\$ 25,000	\$ -	\$ -	\$ -	\$ -		\$ 10,735,000

Central Services

Memorial Hall: Replace Asphalt Roof	\$ 125,000	\$ 125,000	\$ 125,000
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Planning and Sustainability

Multiuse Trails (bicycle paths)	\$ 60,000	\$ 60,000		\$ 60,000
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Fire Rescue

Replace Engine 4	\$ 700,000	\$ 700,000	10	\$ 700,000
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Parks and Recreation

City Fields Improvements	\$ 15,000	\$ 15,000		\$ 15,000
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Northampton Public Schools

Bridge: Energy Management System Upgrades	\$	100,000	\$	100,000		\$	100,000
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NHS: Track Resurfacing	\$ 225,000	\$ 225,000	\$ 225,000
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Department of Public Works

General Fund: _____

Street Resurfacing	\$	1,500,000			\$	1,500,000	10		\$	1,500,000
Road Improvements	\$	250,000		\$	250,000				\$	250,000
Pavement Markings	\$	100,000		\$	100,000				\$	100,000
Sidewalks	\$	200,000		\$	200,000				\$	200,000
Traffic Signals	\$	50,000		\$	50,000				\$	50,000
Traffic Calming	\$	25,000	\$	25,000					\$	25,000
Forestry Improvements	\$	175,000		\$	175,000				\$	175,000
Cemetery Improvements	\$	25,000						\$	25,000	
Vehicle Replacement	\$	280,000		\$	280,000				\$	280,000

Water Enterprise: _____

Waterline Replacement	\$ 750,000	\$ 750,000	
Watershed Land Acquisition	\$ 100,000	\$ 100,000	
Meter and Radio Read Replacement	\$ 95,000	\$ 95,000	\$ 95,000
Hydrant Replacement	\$ 30,000	\$ 30,000	\$ 30,000
WTP & Distribution System Equipment	\$ 100,000	\$ 100,000	\$ 100,000
Vehicle Replacement	\$ 150,000	\$ 150,000	\$ 150,000

Sewer Enterprise:

WWTP & Pump Station Improvements	\$ 3,500,000		\$ 3,500,000	\$ 3,500,000
WWTP Equipment Replacement	\$ 50,000	\$ 50,000		\$ 50,000
Sewer Line Replacement	\$ 750,000	\$ 750,000		\$ 750,000
Sewer Collection System Equipment	\$ 30,000	\$ 30,000		\$ 30,000
Vehicle Replacement	\$ 95,000	\$ 95,000		\$ 95,000

Stormwater Enterprise:

Stormdrain Line Replacement	\$ 500,000	\$ 500,000	\$ 500,000
Flood Control System Upgrades	\$ 500,000	\$ 500,000	\$ 500,000
Vehicle Replacement	\$ 255,000	\$ 255,000	\$ 255,000

APPENDIX C

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: School Department (NPS)

Division: _____

Prepared By: Camie Lamica

Date Prepared: 1/25/2021

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
							0
1	Bus Replacement-30 passenger wheelchairs	110,000					110,000
							0
2	JFK Walk In Freezer	30,000					30,000
							0
3	Bus Replacement-30 passenger wheelchair		120,000				120,000
							0
4	Steamer & kettle unit-NHS cafeteria		32,000				32,000
							0
5	Double convection oven unit-NHS		10,000				10,000
							0
							0
							0
							0
							0
							0
Totals		140,000	162,000	0	0	0	302,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replacement 2005- 30 passenger wheelchair bus **DATE SUBMITTED:** 1/25/21

DEPARTMENT PROJECT INFORMATION

Department:	Northampton Public Schools				
Department Contact:	Camie Lamica				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

We have an indistrict fleet of five 30 passenger wheelchair buses and two vans to transport mostly our in district students including preschool students to and from school. This provides us with more flexibility in scheduling and saves costs hiring a contractor to perform the needed service.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Help us to maintain more efficient equipment and lower repair bills by replacing our buses on a regular scheduled cycle so fleet does not age out with higher costs to repair.

Cost to Maintain:

Describe all Benefits and/or Savings:

Lower repair bills to replace buses in fleet. Less cost and improved service to be able to provide our own services to Northampton students rather than utilizing contract service for some of our needs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)	\$ 55,000					\$ 55,000
City Appropriation	\$ 55,000					\$ 55,000
TOTALS	\$ 110,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 110,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Window Repairs

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Many of the operable windows do not open, close, and seal properly. Maintenance staff have been addressing this issue for years. and an outside contractor has been brought in over time to make repairs. Under this project, a window contractor would replace components on windows to improve their operation over a multi-year period. Such work would increase energy efficiency and help towards meeting the Mayor's net-zero energy policy.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Repairing and upgrading windows would help with both the operation of the windows and energy efficiency in the building.

Cost to Maintain:

Once repaired, there would be no maintenance costs.

Describe all Benefits and/or Savings:

Repairing and upgrading windows would help with both the operation of the windows and energy efficiency in the building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 20,000	\$ 20,000				\$ 40,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 20,000	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 40,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 20,000	\$ 20,000				\$ 40,000
TOTALS	\$ 20,000	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 40,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Walk-in Freezer

DATE SUBMITTED: 1/25/21

DEPARTMENT PROJECT INFORMATION

Department:	Northampton Public Schools				
Department Contact:	Camie Lamica				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The district is in need of more freezer storage space to accommodate the food delivery schedule and opportunity to receive commodities when offered by the state. Without sufficient and reliable freezer storage space, we rely on limited availability of food items

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Opportunity to participate and obtain commodity foods when offered at much reduced prices by the state to provide lower cost meals for students.

Cost to Maintain:

Describe all Benefits and/or Savings:

Have reliable freezer to obtain and maintain inventory of commodity foods when offered without the risk of losing items due to equipment failure or having to pass up significantly reduced priced food items.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 4,000					\$ 4,000
Furnishings Vehicle						\$ 0
Purchase	\$ 26,000					\$ 26,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 30,000					\$ 30,000
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replacement 2007- 30 passenger wheelchair bus

DATE SUBMITTED: 1/25/21



DEPARTMENT PROJECT INFORMATION

Department: **Northampton Public Schools**

Department Contact: **Camie Lamica**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☒ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

We have an in-district fleet of five 30 passenger wheelchair buses and two vans to transport mostly our in district students including preschool students to and from school. This provides us with more flexibility in scheduling and saves costs hiring a contractor to perform the needed service.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Help us to maintain more efficient equipment and lower repair bills by replacing our buses on a regular scheduled cycle so fleet does not age out with higher costs to repair.

Cost to Maintain:

Describe all Benefits and/or Savings:

Lower repair bills to replace buses in fleet. Less cost and improved service to be able to provide our own services to Northampton students rather than utilizing contract service for some of our needs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)		\$ 55,000				\$ 55,000
City Appropriation		\$ 65,000				\$ 65,000
TOTALS	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 120,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Steamer Table & Kettle Unit

DATE SUBMITTED: 1/25/21

DEPARTMENT PROJECT INFORMATION

Department:	Northampton Public Schools				
Department Contact:	Camie Lamica				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The district is in need of replacing aged kitchen equipment at NHS. We replaced one of the two steamer units used to cook hot foods this fall with FY21 capital funds. There is a second unit which is also inoperable and needs replacement of the entire unit steamer table and kettle unit.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

To be able to prepare the food the way it should be prepared without the staff being injured. The first steamer unit was replaced in fall 2020, and this would replace the second unit.

Cost to Maintain:

The current unit is inoperable.

Describe all Benefits and/or Savings:

To have the ability to prepare hot food items utilizing the equipment intended for that type of food.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &		\$ 4,000				\$ 4,000
Furnishings Vehicle						\$ 0
Purchase		\$ 28,000				\$ 28,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 32,000	\$ 0	\$ 0	\$ 0	\$ 32,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 32,000				\$ 32,000
TOTALS	\$ 0	\$ 32,000	\$ 0	\$ 0	\$ 0	\$ 32,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Double Convection Oven Unit

DATE SUBMITTED: 1/25/21

DEPARTMENT PROJECT INFORMATION

Department: **Northampton Public Schools**

Department Contact: **Camie Lamica**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

The district is in need of replacing aged kitchen equipment at NHS. We replaced one of the four double convection units used to cook hot foods this Fall with FY21 revolving account funds. There are two other double units (for a total of eight ovens) which provide the main equipment at the NHS cafeteria kitchen.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

To be able to prepare and serve hot food items without staff risking being hurt attempting to cook with alternative methods. Two of the eight ovens currently function adequately.

Cost to Maintain:

Describe all Benefits and/or Savings:

To have ability to prepare hot food items utilizing the equipment intended for that type of food with a large student population at the high school.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase		\$ 10,000				\$ 10,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 10,000	\$ 0	\$ 0	\$ 0	\$ 10,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 10,000				\$ 10,000
TOTALS	\$ 0	\$ 10,000	\$ 0	\$ 0	\$ 0	\$ 10,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Central Services

Division: School Facilities

Prepared By: David Pomerantz and Tony Kusnierz

Date Prepared: 10.15.20

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
High	Leeds: Playground Fencing	25,000					25,000
Medium	Leeds: Replace Handicap Lift in Café	100,000					100,000
Medium	Leeds: Energy Management System Upgrades				100,000		100,000
Medium	Leeds: Flooring Replacement	65,000	65,000				130,000
Medium	Leeds: Boiler Replacement			175,000			175,000
High	Leeds: Window Replacement	30,000		250,000			280,000
High	JFK: Energy Management System Upgrades	150,000					150,000
Medium	JFK: Roof Replacement			1,750,000	1,750,000		3,500,000
Medium	JFK: Window Repairs	20,000	20,000				40,000
Medium	JFK: Paving			150,000			150,000
Medium	JFK: Replace Flooring in Guidance, Library and Admin. Offices		75,000				75,000
Medium	JFK: Rebuild Tennis Courts			200,000			200,000
Medium	Ryan Road: Energy Management System Upgrades			130,000			130,000
Medium	Bridge Street: Boiler Replacement				175,000		175,000
Medium	Bridge Street: Energy Management System Upgrades					100,000	100,000
Medium	Bridge Street: Repair-Replace Gym Windows		30,000	170,000			200,000
Medium	Jackson Street: Energy Management System Upgrades		150,000				150,000
Medium	High School: Track Resurfacing					225,000	225,000
High	High School: Replace Theatre Fire Curtain	50,000					50,000
Medium	High School: Repoint Chimney	40,000					40,000
High	DW: Conduct Facilities Assessments for Greenhouse Gas Emissions Reductions- Bridge-Leeds-Jackson	60,000					60,000
	High School-JFK-Ryan Road		60,000				60,000
Totals		540,000	400,000	2,825,000	2,025,000	325,000	6,115,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds: Playground Fencing

DATE SUBMITTED:

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Fencing would be installed around a play area that currently uses a brick retaining wall to keep children away from a parking area. Vinyl covered chain link fencing would be used and would be integrated into the existing brick retaining wall.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Installing the fencing would provide additional security for school children.

Cost to Maintain:

No cost to maintain.

Describe all Benefits and/or Savings:

Installing the fencing would provide additional security for school children.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 25,000					\$ 25,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 25,000					\$ 25,000
TOTALS	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds- Window Replacement

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☒ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Under this project windows in the older, original (1950s) section of the school would be replaced. The wooden windows are single-glazed units that are deteriorated and result in air leaks and condensation. The greenhouse gas emissions facilities assessment would examine window issues and options, and architectural design work (FY22) would examine natural lighting and ventilation requirements along with energy efficiency improvements with new windows. Construction documents would be used for bidding and construction in FY24.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Installing new windows would result in improved occupant comfort, reduced air leaks, and reduced energy costs.

Cost to Maintain:

Beyond normal custodial operations there would be no costs to maintain the windows after installation.

Describe all Benefits and/or Savings:

Installing new windows would result in improved occupant comfort, reduced air leaks, and reduced energy costs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -	\$ 30,000					\$ 30,000
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 250,000			\$ 250,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 0	\$ 250,000	\$ 0	\$ 0	\$ 280,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 30,000		\$ 250,000			\$ 280,000
TOTALS	\$ 30,000	\$ 0	\$ 250,000	\$ 0	\$ 0	\$ 280,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK: Energy Mgmt. System Upgrades

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

This multi-year project would upgrade and expand the capabilities of the existing energy management system at the JFK School. Existing field controllers, control valves and damper actuators that are deteriorated and outdated would be replaced. Demand control ventilation would be added to the air handling units. Software for the existing NAE system and graphics would be upgraded.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, it may be impossible to obtain components when repairs are needed. Failures with equipment will make it difficult to adequately run the building energy management systems.

Cost to Maintain:

Once completed there will be no significant costs to maintain the system.

Describe all Benefits and/or Savings:

The middle school is a large energy user (electricity and natural gas) so having in-depth control of the building heating, cooling and occupancy systems will result in consumption savings, lower costs and a healthier building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 150,000					\$ 150,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 150,000					\$ 150,000
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: High School- Replace Theatre Fire Curtain **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Under this project, the existing theatre fire curtain would be replaced. The curtain was not replaced when the school was renovated and expanded in 2000. At this point, the curtain does not have a certified fire rating.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

When replaced, the curtain would have a code required fire rating and would provide protection for occupants of the space.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

When replaced, the curtain would have a code required fire rating and would provide protection for occupants of the space.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle	\$ 50,000					\$ 50,000
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 50,000					\$ 50,000
TOTALS	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Districtwide: Facilities Assessments for Greenhouse Gas Emissions Reductions at All Schools

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Per Mayoral Policy: "Greenhouse Gas Impacts of HVAC Improvement Projects" - Conduct Facilities Assessment for pathways toward net-zero greenhouse gas emissions for all six school facilities.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

These studies are critical for the city to plan on how to prepare buildings for a transition to net-zero HVAC technology. Without this info, the city is forced to replace current equipment with like-kind.

Cost to Maintain:

NA

Describe all Benefits and/or Savings:

These studies are essential for the city to plan on how to transition to low/no-carbon HVAC systems so as to invest in HVAC equipment that is needed to meet the mayor's pledge to becoming a Net-Zero community by 2050, support the goals enshrined in the Paris Agreement and support City Council resolutions on 100% Renewable Energy and Opposition to the Expansion of Gas Infrastructure.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -	\$ 60,000	\$ 60,000				\$ 120,000
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 120,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 60,000	\$ 60,000				\$ 120,000
TOTALS	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 120,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds: Replace Handicap Lift in Cafe

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

The existing handicap lift in the Cafe is out of service, cannot be repaired and needs to be replaced. The unit is required under state code. The existing unit would be removed and a new lift unit would be installed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The new lift would meet the state code requirements and provide accessibility.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

The new lift would meet the state code requirements and provide accessibility.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 100,000					\$ 100,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 100,000					\$ 100,000
TOTALS	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds: Energy Management System Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☐ **FY25** ☒ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Under this project upgrade and replacement work would be done on energy management system controls at the Leeds Elementary School. The work would cover upgrades to controls, graphics and components that are failing, outdated and can no longer be repaired. Work would also include upgrades to hardware and software communications systems, unit ventilators, VAV boxes and fin tube radiation controls.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended it may be impossible to obtain components when repairs are needed. Failures with equipment will make it difficult to adequately run the building energy management systems.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

Having in-depth control of the building heating, cooling and occupancy systems will result in consumption savings, lower costs and a healthier building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &				\$ 100,000		\$ 100,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	\$ 100,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation				\$ 100,000		\$ 100,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 0	\$ 100,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds: Flooring Replacement

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Under this project original flooring in the older section of the school covering hallways and classrooms would be replaced. The existing flooring is mostly intact but is worn. The flooring would be removed and abatement work would be done as required. A durable VCT flooring would then be installed in the hallways and classrooms. The project would be completed over a two year period.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

While the existing flooring is mostly intact it has never been replaced since the school was built in the 1950s. Replacing the flooring would help with upgrading the older sections of the building.

Cost to Maintain:

Normal custodial and maintenance work would be required moving forward.

Describe all Benefits and/or Savings:

While the existing flooring is mostly intact it has never been replaced since the school was built in the 1950s. Replacing the flooring would help with upgrading the older sections of the building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 65,000	\$ 65,000				\$ 130,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 65,000	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 130,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 65,000	\$ 65,000				\$ 130,000
TOTALS	\$ 65,000	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 130,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds- Boiler Replacement

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Under this project the 30 year old boiler would be replaced. While operational, the unit would be reaching the end of it's useful life and repairs could become more frequent and costly. A higher-efficiency unit would be installed which would reduce gas consumption. Alternatively, in line with the Mayor's Net-Zero Greenhouse Gas Emissions policy other options such as mini-splits and heat pumps would be explored.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

A new heating system would reduce energy use and greenhouse gas emissions, and would also result in better occupancy levels in the building.

Cost to Maintain:

Heating components would be maintained under the annual citywide heating-cooling maintenance contract.

Describe all Benefits and/or Savings:

A new heating system would reduce energy use and greenhouse gas emissions, and would also result in better occupancy levels in the building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &			\$ 175,000			\$ 175,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 175,000	\$ 0	\$ 0	\$ 175,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 175,000			\$ 175,000
TOTALS	\$ 0	\$ 0	\$ 175,000	\$ 0	\$ 0	\$ 175,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Roof Replacement

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☒ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

The flat rubber membrane roof, which measures approximately 120,000 square feet, and which was installed when the middle school was built in 1996, will need to be replaced in the near future. The existing rubber and metal trim would be removed from the roof and insulation would be upgraded as required. A new rubber roof with trim would be installed, and a warranty package would be included with the work. The new roof system would have a twenty year warranty. Due to the size and estimated costs, in all likelihood, this project would be handled under the MSBA Accelerated Repair Program similar to what has been done at the Ryan Road, Leeds and Bridge Street schools.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

A new roof will provide for a weather-tight building and preclude any water problems. The installation of insulation during construction will improve the building's overall energy efficiency.

Cost to Maintain:

Once the new roof system is installed no maintenance apart from keeping the roof drains clean and clear will be required.

Describe all Benefits and/or Savings:

A new roof will provide for a weather-tight building and preclude any water problems. The installation of insulation during construction will improve the building's overall energy efficiency.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 3,500,000			\$ 3,500,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 3,500,000	\$ 0	\$ 0	\$ 3,500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 3,500,000			\$ 3,500,000
TOTALS	\$ 0	\$ 0	\$ 3,500,000	\$ 0	\$ 0	\$ 3,500,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Paving

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☒ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

With this project, a portion of the school parking lot will be repaved. The area of work will run from the Bridge Road entrance down to the parking area by the pool entrance. The surface has deteriorated and cracked and should be replaced before any damage occurs to the sub base. All material would be removed, required grading work would be done, and new asphalt base and binder coats for parking areas would be installed. Where needed, line striping would be done.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Along with providing finished areas for parking, the new parking areas will make driving safer and will reduce dust around the school.

Cost to Maintain:

Once replaced, the only required maintenance will be sweeping and plowing.

Describe all Benefits and/or Savings:

Along with providing finished areas for parking, the new parking areas will make driving safer and will reduce dust around the school.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements			\$ 150,000			\$ 150,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 150,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 150,000			\$ 150,000
TOTALS	\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Replace Flooring in Guidance, Library and Administrative Offices

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Under this project, existing flooring consisting of different materials would be removed and replaced. The flooring is worn but does not pose any safety issues. Based on the age of the flooring, asbestos abatement is not required. New flooring, consisting of heavy duty commercial rubber/vinyl, would be installed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Once replaced, the flooring would be in place for years to come.

Cost to Maintain:

Beyond normal maintenance, there would be no costs to maintain the flooring.

Describe all Benefits and/or Savings:

The flooring would provide aesthetic benefits and with the current flooring removed, there would be no need for repairs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection		\$ 75,000				\$ 75,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 75,000				\$ 75,000
TOTALS	\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: JFK- Rebuild Tennis Courts

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The existing six tennis courts and one basketball court are in need of rebuilding. They were built in 1996 and are reaching the point where they will no longer be usable and need to be replaced. They are cracked in many places and both structural and aesthetic repairs have been made over time with the latest work being done in 2016. The courts would be demolished and rebuilt.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not rebuilt, individual courts will need to be taken offline which will affect the availability of courts for both school programs and city recreation use.

Cost to Maintain:

No significant costs to maintain after construction.

Describe all Benefits and/or Savings:

Replacing the courts will provide numerous and safe courts for school and public use.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 200,000			\$ 200,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 200,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 200,000			\$ 200,000
TOTALS	\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 200,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Ryan Road- Energy Management System Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Under this project, upgrade and replacement work would be done on energy management system controls at the Ryan Road School. The work would cover upgrades to controls, graphics, and components that are failing, outdated, and can no longer be repaired. Work would also include upgrades to hardware and software communications systems, unit ventilators, VAV boxes and fin tube radiation controls, and putting all the building exhaust fans on the building automation system.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, it may be impossible to obtain components when repairs are needed. Failures with equipment will make it difficult to adequately run the building energy management systems.

Cost to Maintain:

Once upgrades, are made there will be no significant maintenance costs beyond preventative maintenance conducted by City HVAC staff.

Describe all Benefits and/or Savings:

Having in-depth control of the building heating, cooling and occupancy systems will result in consumption savings, lower costs, and a healthier building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 130,000			\$ 130,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 130,000	\$ 0	\$ 0	\$ 130,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 130,000			\$ 130,000
TOTALS	\$ 0	\$ 0	\$ 130,000	\$ 0	\$ 0	\$ 130,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Bridge Street- Boiler Replacement

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☐ **FY25** ☒ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Under this project, the 30 year old boiler would be replaced. While operational, the unit would be reaching the end of it's useful life and repairs could become more frequent and costly. A higher-efficiency unit would be installed which would reduce gas consumption. Alternatively, in line with the Mayor's Net-Zero Greenhouse Gas Emissions policy, other options such as mini-splits and heat pumps would be explored.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

A new heating system would reduce energy use and greenhouse gas emissions, and would also result in better occupancy levels in the building.

Cost to Maintain:

Heating components would be maintained under the annual citywide heating-cooling maintenance contract.

Describe all Benefits and/or Savings:

A new heating system would reduce energy use and greenhouse gas emissions, and would also result in better occupancy levels in the building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &				\$ 175,000		\$ 175,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 175,000	\$ 0	\$ 175,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation				\$ 175,000		\$ 175,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 175,000	\$ 0	\$ 175,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Bridge Street- Energy Management System Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☒

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Under this project, upgrade and replacement work would be done on energy management system controls at the Bridge Street School. The work would cover upgrades to controls, graphics and components that are failing, outdated, and can no longer be repaired. Work would also include upgrades to hardware and software communications systems, unit ventilators, VAV boxes, and fin tube radiation controls.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, it may be impossible to obtain components when repairs are needed. Failures with equipment will make it difficult to adequately run the building energy management systems.

Cost to Maintain:

Once upgrades are made, there will be no significant maintenance costs beyond preventative maintenance conducted by City HVAC staff.

Describe all Benefits and/or Savings:

Having in-depth control of the building heating, cooling, and occupancy systems will result in consumption savings, lower costs and a healthier building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection					\$ 100,000	\$ 100,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation					\$ 100,000	\$ 100,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Bridge Street- Repair-Replace Gym Windows **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz- Tony Kusnierz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

There are a number of fixed window units along parapet walls by the gymnasium that have been leaking over time. Roofing contractors have examined the wall-window systems and have made repairs but the leaks continue. An architectural assessment would first be made and plans would be developed to resolve the issues. After that, construction work would be done to repair and replace the units as required.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Addressing the water issues will help protect the building structure and the gymnasium for water seepage and resulting damage.

Cost to Maintain:

No costs to maintain after work is completed.

Describe all Benefits and/or Savings:

Addressing the water issues will help protect the building structure and the gymnasium for water seepage and resulting damage.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -		\$ 30,000				\$ 30,000
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 170,000			\$ 170,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 30,000	\$ 170,000	\$ 0	\$ 0	\$ 200,000

Financing Sources

Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 30,000	\$ 170,000			\$ 200,000
TOTALS	\$ 0	\$ 30,000	\$ 170,000	\$ 0	\$ 0	\$ 200,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Jackson Street- Energy Management System Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Under this project upgrade and replacement, work would be done on energy management system controls at the Jackson Street School. The work would cover upgrades to controls, graphics, and components that are failing, outdated, and can no longer be repaired. Work would also include upgrades to hardware and software communications systems, unit ventilators, VAV boxes, and fin tube radiation controls.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, it may be impossible to obtain components when repairs are needed. Failures with equipment will make it difficult to adequately run the building energy management systems.

Cost to Maintain:

Once upgrades are made, there will be no significant maintenance costs beyond preventative maintenance conducted by City HVAC staff.

Describe all Benefits and/or Savings:

Having in-depth control of the building heating, cooling, and occupancy systems will result in consumption savings, lower costs, and a healthier building.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection		\$ 150,000				\$ 150,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 150,000

Financing Sources

Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 150,000				\$ 150,000
TOTALS	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: High School- Track Resurfacing

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☒

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Due to aging, the high school track will be in need of resurfacing in the next several years. When repairs and repainting were last done, the contractor said the track had about five to seven years of useful life left. There are clear signs of deterioration and cracking. The rubber surface and asphalt sub-base would need to be removed and replaced, and the track would need to be sealed and painted. A preliminary engineering assessment was completed this year and based on that work the resurfacing of the track can be moved to FY26.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not resurfaced, deterioration will continue which could require work below the asphalt base and which could cause the track to be unusable.

Cost to Maintain:

No immediate costs to maintain. Over time repainting of the lines and numbers will be required.

Describe all Benefits and/or Savings:

Resurfacing will provide a sealed and safe surface that can be used competitively.

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: High School- Re-point Chimney

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz- Tony Kusnierz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

The 40 foot chimney associated with the boiler and hot water systems is in need of repair. Based on deteriorating mortar, the chimney needs to be re-pointed. Based on the chimney's location, either a telescoping lift or staging will be needed to complete the work.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, brick and mortar will continue to deteriorate.

Cost to Maintain:

Once completed, there will be no ongoing maintenance costs.

Describe all Benefits and/or Savings:

Since this chimney vents the hot water and heating systems, having a secure and waterproof chimney is a priority.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 40,000					\$ 40,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 40,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 40,000					\$ 40,000
TOTALS	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 40,000

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements					\$ 225,000	\$ 225,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000	\$ 225,000

Financing Sources

Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation					\$ 225,000	\$ 225,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 225,000	\$ 225,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Central Services

Division: City Facilities

Prepared By: David Pomerantz, Director

Date Prepared: November 03, 2020

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Medium	Senior Center- Lobby-Reception Upgrades			55,000			55,000
High	Senior Center- Paint Exterior of Building	118,000					110,000
High	Academy of Music- Replace Stage Fire Curtain		150,000				150,000
Medium	Academy of Music- Upgrade Air Conditioning System			20,000	100,000		120,000
High	Florence Fire Station- Pave Rear Parking Lot	65,000					65,000
High	Purchase City Maintenance Vehicles	45,000	45,000				90,000
Medium	Replace Memorial Hall Asphalt Roof					125,000	125,000
High	Lighting Upgrades Multiple City Facilities	110,000					110,000
Medium	Forbes Library- Lower Level Ventilation & HVAC Upgrades		100,000				100,000
Critical	Municipal Building- Replace Boiler System	65,000					
		403,000	295,000	75,000	100,000	125,000	998,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Senior Center- Paint Exterior of Building

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

The Senior Center opened in 2007. The 22,000 square foot building has cement board siding and trim on the exterior, and the material should be painted. It is faded in places, and there are gaps in some of the siding joints and trim edges.

The building would be prepped and joints and edges would be sanded and sealed. Two coats of paint would be applied. A telescoping lift would be used to access the large cupola at the center of the building.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The siding and trim would be sealed and protected, it's longevity would be increased, and the potential for water seepage into the building would be diminished.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

The siding and trim would be sealed and protected, it's longevity would be increased, and the potential for water seepage into the building would be diminished.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 118,000					\$ 118,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 118,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 118,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 118,000					\$ 118,000
TOTALS	\$ 118,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 118,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Academy of Music- Replace Stage Fire Curtain **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

With this project, the existing 1891 asbestos-containing fire curtain would be replaced. The curtain has been tested, and it is not friable, so there is no immediate concern. However, if there was a fire and the curtain dropped, it would be an emergency situation to replace it since the theatre would need to shut down until the curtain was replaced with a code-compliant fire curtain.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Replacing the curtain would provide the building with a code-compliant fire protection component.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

Replacing the curtain would provide the building with a code-compliant fire protection component.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 150,000					\$ 150,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 150,000					\$ 150,000
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Florence Fire Station- Paving Rear Parking Lot **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The rear parking lot at Florence Fire station is deteriorating and should be replaced. The blacktop would be removed and due to the truck traffic on the lot. Eight inches of gravel base would be removed and, eight inches of hard-pack gravel would be installed. The lot would be graded to permit proper water runoff. A manhole cover and two dry well frames and grates would be replaced with hinge latch covers. New four inch paving would be installed with curbing and stone.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If implemented, the new lot would properly address water runoff and drainage, and would provide a sound surface for vehicle and truck travel.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

If implemented, the new lot would properly address water runoff and drainage, and would provide a sound surface for vehicle and truck travel.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 65,000					\$ 65,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 65,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 65,000					\$ 65,000
TOTALS	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 65,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Purchase City Maintenance Vehicles- Replace 2005 Van & 2002 Utility Body Truck

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☒ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Under this project, Central Services would purchase two maintenance vehicles- with the first being a 2002 utility body truck to carry tools, materials and ladders. Maintenance staff now use a staff car and one van to move about the city and carry materials and equipment and recycle debris. The utility body truck would allow staff to split up and be able to address more work more quickly. The 3/4 ton truck would have a lift gate and a ladder rack.

In 2023 the existing van, which is a 2005 and currently has 49,000 miles on it, would be traded in and a new van would be purchased. The van is requiring more frequent and costly repairs.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Purchasing this vehicle would allow for more efficient and timely operations for city maintenance and renovations work.

Cost to Maintain:

Normal preventative maintenance would be required.

Describe all Benefits and/or Savings:

Purchasing this vehicle would allow for more efficient and timely operations for city maintenance and renovations work.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle	\$ 45,000	\$ 45,000				\$ 90,000
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 45,000	\$ 45,000	\$ 0	\$ 0	\$ 0	\$ 90,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 45,000	\$ 45,000				\$ 90,000
TOTALS	\$ 45,000	\$ 45,000	\$ 0	\$ 0	\$ 0	\$ 90,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Lighting Upgrades for Multiple City Facilities **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

City Facilities- Lighting Upgrades Multiple Facilities (City Hall, Memorial, Municipal, Senior Center, James House) to LED technology.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

An annual cost of delay of about \$10,600/year in energy costs and thousands of dollars a year in reduced operating expenses. Delay in reducing greenhouse gas (GHG) emissions.

Cost to Maintain:

Reduction in the cost to maintain: LED technology lasts four times as long as current florescent lamps therefore reducing the cost of maintenance by four.

Describe all Benefits and/or Savings:

- Preliminary estimated annual savings of about \$10,600/year and 62,600 kWh/year in energy use.
- Reduced maintenance load.
- Reduced GHG emissions equivalent to offsetting electricity used to power eight homes.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 110,000					\$ 110,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 110,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 110,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 110,000					\$ 110,000
TOTALS	\$ 110,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 110,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Senior Center: Lobby-Reception Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

To address changing administrative and client needs, modifications would be made to the reception and lobby areas at the Senior Center. The reception counter would be changed, sound proofing would be done in the lobby, and some painting and flooring work would be completed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Implementing these changes would provide for improved staff functions and the delivery of client services.

Cost to Maintain:

No costs to maintain after installation.

Describe all Benefits and/or Savings:

Implementing these changes would provide for improved staff functions and the delivery of client services.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 30,000					\$ 30,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 30,000					\$ 30,000
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Academy of Music- Upgrade Air Conditioning System **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The air conditioning system at the AOM is aging and upgrades should be planned for. The proposed multi-facilities assessments that would lead to projects to reduce greenhouse gas emissions would look at options for addressing cooling needs at the AOM. Based on the facilities assessment for the AOM, engineering and design for cooling upgrades would be completed in FY24 along with system upgrades. Work would also include updating energy management system controls as needed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

System upgrades would reduce greenhouse gas emissions, reduce energy consumption for the building, and address occupant comfort levels.

Cost to Maintain:

Once installed, annual costs would cover maintenance and cleaning by city HVAC staff.

Describe all Benefits and/or Savings:

System upgrades would reduce greenhouse gas emissions, reduce energy consumption, and address occupant comfort levels.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -			\$ 20,000			\$ 20,000
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection			\$ 100,000			\$ 100,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 120,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 120,000			\$ 120,000
TOTALS	\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 120,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace Memorial Hall Asphalt Roof

DATE SUBMITTED: 10.15.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☒

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

The asphalt shingles on the rear gable and front hip roofs of the building are reaching the end of their lifespan and will need to be replaced in the near future. The existing shingles and roof felt would be removed. The wooden roof decks would be examined and repaired as needed as would all flashing and curbing. Twenty-five or thirty-year asphalt roof shingles along with new flashing and an ice/water barrier will be installed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

At this point, repairs to address specific issues are not required. This project is on the schedule due to the aging of the shingles and the fact that the roof will need to be addressed at some point.

Cost to Maintain:

No costs to maintain once the roof is installed.

Describe all Benefits and/or Savings:

At this point, repairs to address specific issues are not required. This project is on the schedule due to the aging of the shingles and the fact that the roof will need to be addressed at some point.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -					\$ 10,000	\$ 10,000
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection					\$ 115,000	\$ 115,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,000	\$ 125,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation					\$ 125,000	\$ 125,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,000	\$ 125,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Forbes Library- Lower Level Ventilation & HVAC Upgrades **DATE SUBMITTED:** 10.15.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The basement level houses the Children's & Young Adult Department, the Community Room, as well as, several staff areas, mechanical spaces, and storage. There are ongoing ventilation issues and uneven heating and cooling throughout these spaces that have caused distress for the public as well as the staff. This is due in part because a large percentage of the level does not currently have direct heating and cooling but relies upon air coming in from other spaces. The "middle basement" is one of these areas, and the library is currently devising plans to reclaim that space for a much needed youth programming room. The current air handling unit was installed in 1991, and the system is strained so it would not be able to handle the demands of supplying air for a larger occupied square footage.

Funding for engineering was approved for FY21 and construction documents are mostly completed.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Installation of an upgraded and expanded system would provide proper ventilation, heating and cooling, as well as provide a more efficiently operating mechanical system.

Cost to Maintain:

Annual preventative maintenance by city staff would be required.

Describe all Benefits and/or Savings:

Installation of an upgraded and expanded system would provide proper ventilation, heating and cooling, as well as provide a more efficiently operating mechanical system.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection		\$ 100,000				\$ 100,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 100,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 100,000				\$ 100,000
TOTALS	\$ 0	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 100,000

City of Northampton

FORM CIP - 1: Departmental Capital Projects Summary

Department: Central Services

Division: Parking

Prepared By: David Pomerantz, Director

Date Prepared: September 20, 2019

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Medium	E.J. Gare Garage Repairs	25,000		25,000		25,000	75,000
Medium	Equipment: Bobcat Skid-Steer Loader		40,000				40,000
Medium	Vehicle: Replace Truck- Flat Bed			60,000			60,000
High	Vehicle: Replace Truck- Flat Bed	60,000					60,000
Totals		85,000	40,000	85,000	0	25,000	235,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Vehicle: Replace 2011 Truck- Flatbed **DATE SUBMITTED:** 11.03.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project involves the replacement of a 2011 flatbed truck with a new flatbed. The existing truck is a Ford F350 with approximately 46,000 miles. Repairs and maintenance are normal at this point but will increase as the ages. The existing vehicle would be traded in for a new Ford 350 flatbed. The truck would have a plow package and plow.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Repair costs will increase as the truck continues to be used and ages.

Cost to Maintain:

Once on the road, the truck will require regular preventative maintenance.

Describe all Benefits and/or Savings:

Trading in the existing truck and getting a new truck will increase the reliability of the maintenance fleet and reduce repair costs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle	\$ 60,000					\$ 60,000
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 60,000					\$ 60,000
TOTALS	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 60,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: E.J Gare Garage Repairs

DATE SUBMITTED: 11.03.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☒ **FY25** ☐ **FY26** ☒

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Extensive structural and cosmetic repairs were made to the E.J. Gare Parking Garage between FY13 to FY17. Under this capital project, money for small preventative maintenance will be used to protect the previous investments made. Epoxy caulking, painting and waterproofing are the types of spot work that would be done with these funds.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

This work will help preserve the previously completed significant efforts and will negate the need for more extensive work down the road.

Cost to Maintain:

No costs to maintain.

Describe all Benefits and/or Savings:

This work will help preserve the previously completed significant efforts and will negate the need for more extensive work down the road.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 25,000		\$ 25,000		\$ 25,000	\$ 75,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 25,000	\$ 0	\$ 25,000	\$ 0	\$ 25,000	\$ 75,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 25,000		\$ 25,000		\$ 25,000	\$ 75,000
TOTALS	\$ 25,000	\$ 0	\$ 25,000	\$ 0	\$ 25,000	\$ 75,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Equipment: 2001 Bobcat Skid-Steer Loader **DATE SUBMITTED:** 11.03.20

DEPARTMENT PROJECT INFORMATION

Department:	Central Services				
Department Contact:	David Pomerantz				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project would entail the purchase of a Bobcat loader for use by the parking maintenance staff. This purchase would replace a 20 year old unit that has 2,500 hours on it. The unit would be traded in since it still has value, but as the machine is older, it will need more extensive repairs over time. The loader is used extensively by the parking maintenance staff for work all year long.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended repairs could increase in frequency and cost, and the machine could be out of service when needed.

Cost to Maintain:

Beyond regular preventative maintenance no additional ongoing maintenance will be needed.

Describe all Benefits and/or Savings:

Purchasing the new Bobcat will give the parking maintenance division a reliable vehicle with no projected maintenance costs or down time.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &		\$ 40,000				\$ 40,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 40,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 40,000				\$ 40,000
TOTALS	\$ 0	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 40,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Vehicle- Replace 2014 Truck- Flatbed

DATE SUBMITTED: 11.03.20

DEPARTMENT PROJECT INFORMATION

Department: **Central Services**

Department Contact: **David Pomerantz**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☐ **FY24** ☒ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☒ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

This project involves the replacement of a 2014 flatbed truck with a new flatbed. The existing truck is a Ford F350 with approximately 39,000 miles. Repairs and maintenance are normal at this point but will increase as the ages. The existing vehicle would be traded in for a new Ford 350 flatbed. The truck would have a plow package and plow

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Repair costs will increase as the truck continues to be used and ages.

Cost to Maintain:

Once on the road the truck will require regular preventative maintenance.

Describe all Benefits and/or Savings:

Trading in the existing truck and getting a new truck will increase the reliability of the maintenance fleet and reduce repair costs.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle			\$ 60,000			\$ 60,000
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 60,000	\$ 0	\$ 0	\$ 60,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 60,000			\$ 60,000
TOTALS	\$ 0	\$ 0	\$ 60,000	\$ 0	\$ 0	\$ 60,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: School Department (NPS)

Division: _____

Prepared By: Camie Lamica

Date Prepared: 1/25/2021

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
							0
1	Bus Replacement-30 passenger wheelchairs	110,000					110,000
							0
2	JFK Walk In Freezer	30,000					30,000
							0
3	Bus Replacement-30 passenger wheelchair		120,000				120,000
							0
4	Steamer & kettle unit-NHS cafeteria		32,000				32,000
							0
5	Double convection oven unit-NHS		10,000				10,000
							0
Totals		140,000	162,000	0	0	0	302,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Sidewalk replacement & repair

DATE SUBMITTED: 12/20/20

DEPARTMENT PROJECT INFORMATION

Department: **Smith Vocational & Agricultural High School**

Department Contact: **Timothy Smith**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

Remove sidewalks that are asphalt based and replace with 52 inch wide concrete sidewalk with granite curbing. Where there are sidewalks with concrete base, reset the granite curbing. Existing granite curbing is rolling over and letting the existing concrete sidewalk become undermine. There is approximately 1,174 linear feet of sidewalks on campus.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, then a trip hazard will remain and the sidewalks will continue to deteriorate. As the curbing rolls over, it allows soil under existing concrete to be eroded.

Cost to Maintain:

Estimated repair cost is \$300 per year, there is a limited repairs that can be made.

Describe all Benefits and/or Savings:

The benefit of this project would be eliminating the trip hazards associated with the condition of the sidewalks. This project will prevent further damage to existing concrete sidewalks and increasing the repair cost of repair.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 149,098					\$ 149,098
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 149,098	\$ 0	\$ 0	\$ 0	\$ 0	\$ 149,098
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 149,048					\$ 149,048
TOTALS	\$ 149,048	\$ 0	\$ 0	\$ 0	\$ 0	\$ 149,048

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Building C Boiler Replacement

DATE SUBMITTED:

DEPARTMENT PROJECT INFORMATION

Department:	Smith Vocational and Agricultural High School				
Department Contact:	Timothy Smith				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Replace the boilers in C building. C building currently has a HydroTherm boiler installed in 1995. This system is made up from five small boilers, as the heating demand increase the system fires more of these boilers. The number one boiler developed a leak on the water side. The leak shorted out the electrical controls and led to several classrooms flooding due to frozen pipes. The project would replace these boilers with two Lockinvar high efficiency boilers. This project will require minimal work to existing piping or electrical systems.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended, there is the strong chance that the boilers will fail again assuming the remaining boilers are in similar condition. New boilers would eliminate any building closing due to lack of heat

Cost to Maintain:

The cost to maintain are minimal, we simply isolate the failed boiler. The building heating system was designed with the current btu output which no longer exist

Describe all Benefits and/or Savings:

The new boilers will be more energy efficiency than the existing mid 90's HydroTherms. A new system will insure the heating of the building. Staff and students should have a comfortable environment to work and learn. They should not be distracted by a lack of heat or because the building needs to be closed.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 180,000					\$ 180,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 180,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 180,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 180,000					\$ 180,000
TOTALS	\$ 180,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 180,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Nurses Office Renovation

DATE SUBMITTED:

DEPARTMENT PROJECT INFORMATION

Department:	Smith Vocational and Agricultural High School				
Department Contact:	Timothy Smith				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Renovate the nurses office, bring up to code compliance and ADA compliance. Add additional square footage by taking space from the former home economics shop sewing room.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Current conditions are cramped and there is no ADA compliant bathroom. There is a need to spread out rooms and add additional space to the current space. Add a independent HVAC system.

Cost to Maintain:

There is no cost to maintain.

Describe all Benefits and/or Savings:

The benefit would be a nurses station that could treat students in a facility thats not so cramped. Additional space would allow the nurse to easily isolate students when are being treated or in need of privacy.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -	\$ 6,000					\$ 6,000
Engineering Site						\$ 0
Acquisition	\$ 200,000					\$ 200,000
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 206,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 206,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 206,000					\$ 206,000
TOTALS	\$ 206,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 206,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Upgrade Network Infrastructure

DATE SUBMITTED: 11/5/20

DEPARTMENT PROJECT INFORMATION

Department: **Smith Vocational HS - IT Department**

Department Contact: **Joshua Shearer**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Now more than ever, we rely on technology not only for our day-to-day business and education but also to keep our staff and students safe. We are looking to upgrade our network infrastructure in order to maintain reliable connectivity throughout our campus. All communications including phones, computers, and mobile devices rely on a stable, fast and secure network connection.

Our plan is to upgrade and increase our wireless access points, which are currently outdated and over used. We are also looking to upgrade our old switches, which are limiting our network traffic and at end of life.

These new access points and switches will allow us to keep up with technology demands. It will also allow us to grow as the need for technology increases more and more everyday due to COVID and security concerns.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

This will help our department meet the needs of the ever growing demand for technology in todays education setting. These new devices have new technology that will reshape our network demands.

Cost to Maintain:

There will be no additional cost beyond the initial purchase. In fact, the yearly cost for licenses/support should decrease with this upgrade as we will be able to consolidate switches in multiple buildings.

Describe all Benefits and/or Savings:

This project will increase communication between buildings as well as increase safety standards including but not limited to, emergency lighting for lock downs, phones (wired and wireless), cameras and security equipment. Communication speeds, increased capabilities, and supply higher power over ethernet voltage for more devices. It will also increase reliability and campus wide coverage of network connections. This project will help any device that connects to the network within any of our buildings.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -	\$ 0					\$ 0
Engineering Site	\$ 0					\$ 0
Acquisition	\$ 0					\$ 0
Site Improvements	\$ 0					\$ 0
Construction Inspection	\$ 0					\$ 0
Services Equipment &	\$ 0					\$ 0
Furnishings Vehicle	\$ 0					\$ 0
Purchase		\$ 46,255				\$ 46,255
Other	\$ 0					\$ 0
Contingency	\$ 0					\$ 0
TOTALS	\$ 0	\$ 46,255	\$ 0	\$ 0	\$ 0	\$ 46,255
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 46,255				\$ 46,255
TOTALS	\$ 0	\$ 46,255	\$ 0	\$ 0	\$ 0	\$ 46,255

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Rewiring SVAHS A Building

DATE SUBMITTED: 11/5/20

DEPARTMENT PROJECT INFORMATION

Department: **Smith Vocational HS - IT Department**

Department Contact: **Joshua Shearer**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☒ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Now more than ever, we rely on technology not only for our day-to-day business and education but also to keep our staff and students safe. We are looking to upgrade our wiring throughout A Building in order to maintain reliable connectivity throughout our campus. Some of the wiring in A building is unreliable and unstable. This causes massive problems with security cameras, phones, networked devices and end user equipment. Our plan is to rerun and replace old network cables with new, secure and professionally installed cat6 wiring. We also hope to reorganize and update our main server/wiring room so that patch panels, switches, servers and routers are properly setup in order to maintain connectivity to the entire campus. The goal is to clean up and upgrade wires to limit communication and connectivity issues. The wiring in A building is the original network cables from when they started using computers.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

By upgrading and reorganizing A building network cables and the server room, we will see a more reliable, secure and fast network. It will limit outages between our school and the city, internet, and phone system.

Cost to Maintain:

There will be no additional cost beyond the initial purchase. In fact, the yearly cost for licenses/support should decrease with this upgrade because there will be less outages and repairs needed.

Describe all Benefits and/or Savings:

The benefit of rearranging and upgrading A building network cables and server room will be seen throughout the campus. A building is the main hub for all incoming traffic to the school. Most of the network cables are as old as the building (or when the technology first became available). The upgrade will improve the quality of service to systems such as the Mitel phone server, city fiber loop, and our fiber internet. We will also see less outages to security cameras and end user devices.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -	\$ 0					\$ 0
Engineering Site	\$ 0					\$ 0
Acquisition	\$ 0					\$ 0
Site Improvements	\$ 0					\$ 0
Construction Inspection	\$ 0					\$ 0
Services Equipment &	\$ 0					\$ 0
Furnishings Vehicle	\$ 0					\$ 0
Purchase	\$ 20,362					\$ 20,362
Other	\$ 5,000					\$ 5,000
Contingency	\$ 0					\$ 0
TOTALS	\$ 25,362	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,362
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Windows Replacement - Buildings A & B

DATE SUBMITTED: 12/20/20

DEPARTMENT PROJECT INFORMATION

Department: **Smith Vocational and Agricultural High School**

Department Contact: **Dr. Andrew Linkenhoker, Superintendent**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

As a result of the Con-Ed Performance Contract Auditors agreed that the windows in both Building A and B need to be upgraded in the future. However, the payback was too long so Con-Ed dropped it from their list. Building A windows were installed in 1976 and only four have been replaced (along either side of front doors.) Building B windows are all originally installed in 1976 but have yet to be replaced. Rust and corrosion is now degrading the frames and temporary measures to correct draft problems will no longer suffice due to age and condition. An estimate of \$300,000 for window replacements and asbestos removal found in the caulking of the windows.

Building A - 48 windows

Building B - 23 windows

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If recommended, students and staff would no longer deal with cold drafts. The windows would also create energy efficiency with the final outcome of saving the school money.

Cost to Maintain:

Describe all Benefits and/or Savings:

The windows currently in place no longer close and seal tightly. Gaps of up to 1" are common, staff need to go outside the building and push them closed, this does not guarantee a tight seal. The new windows would reduce the square ft. of glass/window and replace them with insulated panels. The windows would be double paneled, sealing windows.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY 2023	FY2024	FY 2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition						\$ 0
Site Improvements	\$ 50,000	\$ 250,000				\$ 300,000
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 50,000	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 300,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 50,000	\$ 250,000				\$ 300,000
TOTALS	\$ 50,000	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 300,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 2001 Student Activity Vans (2)

DATE SUBMITTED: 12/20/20

DEPARTMENT PROJECT INFORMATION

Department: **Smith Vocational and Agricultural High School**

Department Contact: **Dr. Andrew Linkenhoker, Superintendent**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☐ **Low** ☒

Type of Project: **Vehicle** ☒ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Smith Vocational High School maintains school activity vans to transport students to and from work sites. Out of our five aging 14 passenger vans; we would like to replace two (2) of them. The vans are 17 years old and are in need of constant repair despite the growing needs of transporting students to work sites and athletic events (that do not require a full size bus). The vans are also utilized in the summer by Northampton Parks and Rec and during the school year whenever they are not in use by Smith Vocational. The vans can be also be signed out by other City Departments. Approximate cost per vehicle \$55,000. Request x 2 = \$110,000.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Reduce repair and maintenance costs. Will reduce the need to contract out for full size buses for small groups.

Cost to Maintain:

All maintenance costs are paid by SVAHS Facilities Department, including fuel and regular on-going maintenance.

Describe all Benefits and/or Savings:

The new vehicles would be reliable, cost efficient, and a benefit not only to SVAHS but other City Departments.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY 2023	FY2024	FY 2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase		\$ 110,000				\$ 110,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 110,000	\$ 0	\$ 0	\$ 0	\$ 110,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 110,000				\$ 110,000
TOTALS	\$ 0	\$ 110,000	\$ 0	\$ 0	\$ 0	\$ 110,000

City of Northampton FORM CIP - 1: Departmental Capital Projects Summary

Department: Planning & Sustainability

Division: _____

Prepared By: **Wayne Feiden**

Date Prepared: 10/12/2020

[illegible]

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Conservation Equipment Storage

DATE SUBMITTED: 10/12/2020

DEPARTMENT PROJECT INFORMATION

Department:	Planning & Sustainability									
Department Contact:	Wayne Feiden									
Fiscal Year(s) Requested:	FY22	<input checked="" type="checkbox"/>	FY23	<input type="checkbox"/>	FY24	<input type="checkbox"/>	FY25	<input type="checkbox"/>	FY26	<input type="checkbox"/>
Department Priority:	Critical	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Low	<input type="checkbox"/>		
Type of Project:	Vehicle	<input type="checkbox"/>	Equipment	<input type="checkbox"/>	Technology	<input type="checkbox"/>	Facility	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>

PROJECT DESCRIPTION

The project will provide an equipment storage unit (e.g., shipping container or per-fabricated unit) to store conservation field equipment.

The Department of Public Work is generally no longer able to continue their long term practice supporting physical support to maintenance of conservation areas, especially their former practice of cutting the majority of hazard trees at the edge of conservation areas and over trails through conservation areas. These tasks have been taken on by a combination of hiring out and planning staff. For example, in the October 2020 intense storm burst, over six large trees fell over the Rocky Hill trail at Burts Bog. Staff was able to remove these in one day, saving an estimated \$6,000 if we had to hire out. These kind of support activities, whoever, require a place to store equipment, currently stored in various locations (office, surplus bike lockers, cars) that do not work well.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Greater cost of hiring out maintenance that can be done in-house, higher cost for purchase of materials when we cannot store available surplus materials from other projects.

Cost to Maintain:

\$200/year

Describe all Benefits and/or Savings:

Less need to hire out. Greater efficiency from being able to save materials from one project for the next project. Greater ability to maintain conservation land.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY 2023	FY2024	FY 2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings	\$ 15,000					\$ 15,000
Vehicle Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 15,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 15,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 15,000					\$ 15,000
TOTALS	\$ 15,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 15,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: MultiUse Trails (bicycle paths)

DATE SUBMITTED: 10/12/2020

DEPARTMENT PROJECT INFORMATION

Department: **Planning & Sustainability**

Department Contact: **Wayne Feiden**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☒ **FY25** ☒ **FY26** ☒

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☒ **Other** ☐

PROJECT DESCRIPTION

The city has invested in a 13 mile multi-use trail system which receives very heavy recreation and transportation use. The proposed project will expand the New Haven/Northampton (Manhan) Rail Trail, the MassCentral Rail Trail, the Rocky Hill Trail, and add a Connecticut River Greenway trail. Funds are partially matched by grants that the city has received. Transportation on multiuse trails creates far less financial and physical impacts on the city's road system than single-occupancy motor vehicles trips, creating a net cash and carbon emission savings for the city over the life of the project.

We are requesting primarily design and very small construction funding. This small city investment leverage a huge investment of state and federal funds. For example, in FY20, less than \$50,000 in design funds leveraged 1 new mile of paved trail, 1 mile of pavement repairs, and \$400,000 in state and federal funds as well as additional CPA funds. We expect similar ratios of city to grant dollars.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Trail projects will be delayed and lose the ability to leverage both CPA and state and federal funds. State and federal constructions funds are almost certainly higher now than they will be in the future.

Cost to Maintain:

Approximately \$2,000 per year, significantly less than the same number of trips done by single occupancy motor vehicles.

Describe all Benefits and/or Savings:

Less traffic on roads, creating less wear and tear on those surfaces. Healthier citizens, creating less impact on our health systems. Less greenhouse gas emissions, reducing climate change effects. Stronger attractiveness to Northampton, generating more tax benefits and economic vibrancy. Real estate values are significantly higher adjacent and near rail trails and open space than away from those resources.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY2022	FY2023	FY2024	FY 2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 145,000
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 145,000
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 290,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 290,000
TOTALS	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 290,000

City of Northampton Capital Plan FY21-FY25

PROJECT TITLE: Comprehensive Plan update & implementation

DATE SUBMITTED: 10/12/2020

DEPARTMENT PROJECT INFORMATION

Department:	Planning & Sustainability				
Department Contact:	Wayne Feiden (wfeiden@NorthamptonMA.gov)				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The city will complete its update of the Resiliency & Regeneration section of its comprehensive plan in early 2021. It will then need to update the comprehensive plan, written in 2011. Funding is needed to complete the plan update and then implement the "low hanging fruit" that come out of the plan and leverage larger investments. This funding will allow us to do that and leverage several times the value of this investment.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The city will lose its ability to move forward on the comprehensive plan and leverage investments and improvements identified by the city.

Cost to Maintain:

\$300/year

Describe all Benefits and/or Savings:

The city will lose its ability to move forward on the comprehensive plan and leverage investments and improvements identified by the city.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY2022	FY2023	FY2024	FY 2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering	\$ 60,000	\$ 60,000	\$ 60,000			\$ 180,000
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 60,000	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 180,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 60,000	\$ 60,000	\$ 60,000			\$ 180,000
TOTALS	\$ 60,000	\$ 60,000	\$ 60,000	\$ 0	\$ 0	\$ 180,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Retiring Tax Title

DATE SUBMITTED: 10/12/2020

DEPARTMENT PROJECT INFORMATION

Department:	Planning & Sustainability					
Department Contact:	Wayne Feiden					
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input type="checkbox"/>	
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input checked="" type="checkbox"/>		
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>	

PROJECT DESCRIPTION

Each year the city evaluates properties that are so far behind on taxes that they have fallen into tax title. Some of these are best handled through the formal tax title court process or obtaining deed in lieu of foreclosure. Some of these properties are best handled by purchasing the properties, with the proceeds coming directly back to the city and paying off the back taxes.

The requested funds are to cover the purchase of tax title properties with funds being used to pay off the back taxes and associated soft costs, so there is virtually no long term cost to the city.

Sometimes, these can be purchased with CPA funds, but many of the purchases are either not eligible for CPA funds or do not address CPA priorities.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The tax title list will not be reduced as much as it can be. This lowers the available levy limit for actual funds collected and properties that meet public goals for acquisition will not be acquired.

Cost to Maintain:

\$200/year

Describe all Benefits and/or Savings:

Puts the tax levy back on properties that are actually paying taxes, not on properties that will never pay, increasing city tax collection by many times the cost of maintaining property leaving the tax roles.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition		\$ 30,000	\$ 30,000	\$ 30,000		\$ 90,000
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 0	\$ 90,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 30,000	\$ 30,000	\$ 30,000		\$ 90,000
TOTALS	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 0	\$ 90,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Information Technology Services

Division:

Prepared By: Antonio Pagan

Date Prepared: February 4, 2021

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
0	Dispatch Radio Computer Servers & Stations	16,000					16,000
1	City Server System Replacement (Consoildation)	100,000					100,000
2	UPS Systems Replacement - NFD		35,000				35,000
2	UPS Systems Replacement - NPD			35,000			35,000
1	NHS PA System Replacement	30,000					30,000
1	NPS Wireless System Upgrade and Replacement	270,000					270,000
Totals		416,000	35,000	35,000	0	0	486,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Dispatch Radio Computer Servers & Stations

DATE SUBMITTED: 1/4/2021

DEPARTMENT PROJECT INFORMATION

Department: **IT Services**

Department Contact: **Antonio Pagan**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☒ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☒ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

The Dispatch Center uses Dell devices to manage the radio communications side by side with their Dispatch Consoles. The system consists of four individual servers and four workstations. Currently, the hardware doesn't support the newer version Windows Operating Systems. It's imperative to upgrade all systems to Windows 10 and Windows Server 2019.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Older operating systems are unreliable and could be difficult to support if presenting software problems. If systems are not operable, communications among public safety officers would be delayed

Cost to Maintain:

Maintenance of these workstations and servers are already included in existing service contracts.

Describe all Benefits and/or Savings:

Dispatch will have well-functioning systems that will allow for redundancy and efficient communications among public safety personnel.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 16,000					\$ 16,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 16,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 16,000					\$ 16,000
TOTALS	\$ 16,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 16,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: City Server System Replacement (Consolidation) **DATE SUBMITTED:** 2/4/2021

DEPARTMENT PROJECT INFORMATION

Department:	IT Services				
Department Contact:	Antonio Pagan				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Replace and consolidate the City's server systems for City Hall, DPW, NPD and NFD, including:

- Hardware: currently Nutanix NX-1365G4, NX-1365G5
- Software: currently using a combination of Windows Server license and Nutanix subscriptions.

The current system will be six years old by 2022 and will need to be replaced with a similar hardware/software platform.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Essential equipment to continue to operate in an effective and efficient manner, as well as keeping pace with ever-changing technology.

Cost to Maintain:

Life expectancy of this equipment is five to seven years. The cost of support services is between 15% and 20%. The maintenance and support costs are already included in operations budget.

Describe all Benefits and/or Savings:

Current system reduces the need for individual servers and storage devices by concentrating all functions in one efficient platform that performs better and is scalable. By consolidating all four clusters in two units located at the most modern and efficient data centers we are saving about 15% of the costs. Also, we have secured \$150,000 from the Community Compact Grant funding.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 250,000					\$ 250,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)	\$ 150,000					\$ 150,000
City Appropriation	\$ 100,000					\$ 100,000
TOTALS	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: NHS PA System Replacement

DATE SUBMITTED: 2/4/2021

DEPARTMENT PROJECT INFORMATION

Department:	IT Services (NPS)				
Department Contact:	Antonio Pagan				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Northampton High Schools (NHS) PA and bell system currently relies on technology that is more than 10 years old and fails regularly. Also, the system is not supported for software or hardware upgrades, making it almost impossible to maintain. NHS administration relies on this system to dismiss students to and from class, monitor time on learning and cue the students to enter the building and each class. This system ensures order, routines and supports the general milieu of the building.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not approved, the school administration won't be able to ensure order and safety of the students at the expected level.

Cost to Maintain:

The maintenance of this system is estimated to be 10% of the costs software and it will be covered by the operations budget.

Describe all Benefits and/or Savings:

This system reduces disruption to class and learning, allows faculty and administration staff communicate regarding learning time periods and emergency situations.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 30,000					\$ 30,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 30,000					\$ 30,000
TOTALS	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: NPS Wireless System Upgrade and Replacement

DATE SUBMITTED: 2/4/2021

DEPARTMENT PROJECT INFORMATION

Department: IT Services (NPS)

Department Contact: Antonio Pagan

Fiscal Year(s) Requested: FY22 ☒ FY23 ☐ FY24 ☐ FY25 ☐ FY26 ☐

Department Priority: Critical ☐ High ☒ Medium ☐ Low ☐

Type of Project: Vehicle ☐ Equipment ☐ Technology ☒ Facility ☐ Other ☐

PROJECT DESCRIPTION

The current wireless system was installed in 2014. Recently, it has started to lack support for the most up-to-date mobile devices used by students and faculty. After researching for several months and hiring a consulting firm to study the system efficiencies, we identified that new devices were having connectivity issues. The proposed new system will take advantage of the existing wiring and will allow the newer technology available in mobile devices to work more efficiently.

The system and installation costs are eRate eligible and most likely will get a 50% discount through the USAC's eRate program.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not approved, all buildings of the Northampton Public Schools will be working on a system about to get obsolete. The teaching and learning process would be impacted by delays on connecting.

Cost to Maintain:

The maintenance of this system starting on the second year after implementation will be less than \$15,000 and is already included in the operations budget.

Describe all Benefits and/or Savings:

If approved, the new system will allow faculty and students to use the newest wireless technologies for the next five to seven years. The implementation of this system will allow the IT team to embrace newer technologies for teaching and learning as well as office productivity.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 270,000					\$ 270,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 270,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 270,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 270,000					\$ 270,000
TOTALS	\$ 270,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 270,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: UPS Systems Replacement - NFD

DATE SUBMITTED: 2/4/2021

DEPARTMENT PROJECT INFORMATION

Department:	IT Services				
Department Contact:	Antonio Pagan				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The life expectancy for an Uninterruptible Power Supplies (UPS) is 10 years. The UPS acts as an intermediary between vital equipment and the electrical hookups. If the building loses power even a blip in power our equipment would also lose power and shut down. This equipment includes our business phones, radio systems, and computers. These are all vital components to perform our duties and serve the public and other public safety agencies. We have one UPS that cover the equipment in the dispatch center, one UPS in our radio room that connects all radio (police, fire, schools, DPW, area agencies) to our dispatch radios and one at the Florence Fire station. We purchased 2 new UPS' in July 2011 in an emergency situation where the UPS in Dispatch failed. To avoid another emergency purchase it is imperative to replace the units by not later than 2022 calendar year.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Not replacing the UPS as planned can result in an emergency purchase without notice. If the UPS failed, all operations including radio would ceased creating a hazardous situation for responders.

Cost to Maintain:

Battery replacement will need to happen 5 years after purchase of the UPS. Currently batteries for all three units are approximately \$15,000 replacement of the system will be needed in 2 years.

Describe all Benefits and/or Savings:

This UPS system protects the main Hub for City's WAN and Telecommunications. An updated UPS System will ensure steady operations during disaster recovery situations.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &		\$ 35,000				\$ 35,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 35,000	\$ 0	\$ 0	\$ 0	\$ 35,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 35,000				\$ 35,000
TOTALS	\$ 0	\$ 35,000	\$ 0	\$ 0	\$ 0	\$ 35,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: UPS Battery Replacement (Police Station) **DATE SUBMITTED:** 2/4/2021

DEPARTMENT PROJECT INFORMATION

Department:	IT Services				
Department Contact:	Antonio Pagan				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

We recently replaced the UPS batteries for the Police Station. The UPS acts as an intermediary between vital equipment and the electrical hookups. If the building loses power even a blip in power our equipment would also lose power and shut down. This equipment includes our data and VoIP devices, as well as the Server System platform. These are all vital components to perform our duties and serve the public and other public safety agencies. We have two UPS units that cover the equipment in the second floor's server room and one UPS unit in the first floor IDF. To avoid any data losses or service interruption during power failures it is imperative to maintain the units and replace the the system not later than every 10 years.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Not replacing the UPS as planned can result in an emergency purchase without notice. If the UPS failed, all operations including all security systems would ceased creating a hazardous situation.

Cost to Maintain:

Battery replacement will need to happen 5 years after purchase of the UPS. Currently batteries for all three units are approximately \$15,000 replacement of the system will be needed in 4 years.

Describe all Benefits and/or Savings:

This UPS system protects the Station's network and Telecommunications. An updated UPS System will ensure steady operations during disaster recovery situations.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &			\$ 35,000			\$ 35,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 35,000	\$ 0	\$ 0	\$ 35,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 35,000			\$ 35,000
TOTALS	\$ 0	\$ 0	\$ 35,000	\$ 0	\$ 0	\$ 35,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Parks & Recreation

Division:

Prepared By: Ann-Marie Moggio

Date Prepared: January 8, 2021

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
	Florence Recreation Fields	94,575					94,575
	Phase 2 to complete playground						0
							0
							0
	Totals	94,575	0	0	0	0	94,575

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Florence Recreation Fields Phase 2 Playground

DATE SUBMITTED: January 8, 2021

DEPARTMENT PROJECT INFORMATION

Department:	Parks & Recreation				
Department Contact:	Ann-Marie Moggio, Director				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

This request is to finalize the playground structure at Florence Recreation Fields. The first part of the "treehouse" structure was installed with the first and larger construction of the fields. There were not enough funds for the entire park, including the other parts of the playground. We applied for but were denied a PARC fund to finalize the remaining pieces of the park. Therefore, we have been piecing them together the past couple of years. COVID delayed some projects and we hope to be back on track in 2021.

This funding would help finalize the playground piece. This project also has \$17,000 in CPA funds remaining for the playground. Other donations and fund-raised money will be used for the scoreboards, batting cage, benches and other amenities at the soccer, baseball, field hockey, and lacrosse fields.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The playground is only a third done and needs to be finalized for the community. It is a heavily used park, and the structure is very popular for families. There are many requests to have it finished.

Cost to Maintain:

The DPW Parks division maintains the equipment if any damage or need for improvements.

Describe all Benefits and/or Savings:

It would be a huge health and wellbeing benefit to our community to finish this. Families walk and bike the area, kids enjoy it while siblings play in respective sport games, and the area overall has become even more popular as a wonderful outdoor destination, discovered by even more people during the COVID-19 pandemic.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 69,575					\$ 69,575
Other	\$ 42,000					\$ 42,000
Contingency						\$ 0
TOTALS	\$ 111,575	\$ 0	\$ 0	\$ 0	\$ 0	\$ 111,575
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA	\$ 17,000					\$ 17,000
Other (specify)						\$ 0
City Appropriation	\$ 94,575					\$ 94,575
TOTALS	\$ 111,575	\$ 0	\$ 0	\$ 0	\$ 0	\$ 111,575

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: City Field Improvements

DATE SUBMITTED: January 8, 2021

DEPARTMENT PROJECT INFORMATION

Department:	Parks & Recreation				
Department Contact:	Ann-Marie Moggio, Director				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This request is for regular improvements to the city recreation fields every year.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The recreation fields will fall into disrepair with regular use.

Cost to Maintain:

The DPW Parks division maintains the equipment if any damage or need for improvements.

Describe all Benefits and/or Savings:

The recreation fields will be in better shape for everyone to use them.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
TOTALS	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Public Safety Communications

Division: Communications

Prepared By: Kelly Schuetze

Date Prepared: 11/16/20

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
1	Radio Positions	150,000					150,000
	Radio Communication Upgrade to P25	6,000,000					6,000,000
Totals		6,150,000	0	0	0	0	6,150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Radio Positions for Back-up/Event @ NPD **DATE SUBMITTED:** 11/16/20

DEPARTMENT PROJECT INFORMATION

Department:	Public Safety Communications				
Department Contact:	Kelly Schuetze				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

There has historically been events in the city where Dispatch personnel are working in the Command Center at the Police Department or Emergency Operations Center (EOC). Dispatch has two laptop computers that have an abbreviated version of the radio system that can be set up off site and is a shared resource with the EOC. During these events, operations may occur on a separate event channel which the radio consoles have programmed in but the desk officer does not. Over the past year, there has been an increase of events that have the Police supervisors running operations from the station using portable radios. Portable radios do not have the same transmit power as a console radio so oftentimes the transmissions may be poor and static filled, hindering operations. Having fixed radio positions at the Police Desk area and the Operations Room will increase the continuity of operations.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The project will increase radio communications capabilities and redundancy during major events as well as provide the dispatchers with an evacuation site.

Cost to Maintain:

Equipment will be under warranty and then included in the Radio Maintenance contract. There will be a cost to update the PC operating systems once the CPU hits end of life.

Describe all Benefits and/or Savings:

Installing two fixed radio positions in the Command Center room will aid in expeditiously setting up a command post, provide the Dispatchers and Supervisors clear radio communications when operating for events, and will allow the laptop radio to be dedicated to the EOC. This will also allow the Dispatch Center to have a partial back-up center at the Police Department in the event of evacuation. Installing a fixed radio position at the Police Desk will allow the desk officer to have the same capabilities as the communications center and will allow them to monitor area communities.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 150,000					\$ 150,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 150,000					\$ 150,000
TOTALS	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 150,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Radio System Project

DATE SUBMITTED: 2/22/21

DEPARTMENT PROJECT INFORMATION

Department: **Public Safety Communications**

Department Contact: **Kelly Schuetze**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☐ **Other** ☒

PROJECT DESCRIPTION

The current communications system for the city is using technology that is no longer being supported or developed. Components of the system are failing and need to be replaced. With new building construction, it is becoming increasingly difficult to maintain radio communication from within structures. We are also limited on radio frequencies, often requiring the city to request radio channels from the state system which can be problematic for short notice/large scale events. The Police, Fire, DPW, Communications, Parking and Schools have been working with a consultant and have identified our current as well as future needs for radio communications within the city. There is a vital need to replace the aging technology and equipment that is at its end of life. This project will be to create a new radio system for all users, purchase components and radios for end users and update the technology to ensure compliance with the Federal Communications Commission and to meet national standards. This project is for the installation, implementation, management, maintenance and training.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If the project is not recommended, our radio communication system will fail. Repairs will only get more costly. We are coming to a point where responder and citizen safety is going to be jeopardized.

Cost to Maintain:

With the system being new, maintenance will be minimal and most components will be covered under a warranty.

Describe all Benefits and/or Savings:

Newer technology will provide better capabilities to the system and will provide us more oversight and security over the radio systems. Signal coverage will be improved inside of buildings and remote areas of the city. Newer equipment and infrastructure will improve interoperability amongst departments in the city as well as other communities.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 500,000					\$ 500,000
Construction Inspection						\$ 0
Services Equipment &	\$ 500,000					\$ 500,000
Furnishings Vehicle						\$ 0
Purchase	\$ 2,000,000					\$ 2,000,000
Other	\$ 3,000,000					\$ 3,000,000
Contingency						\$ 0
TOTALS	\$ 6,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,000,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)	\$ 6,000,000					\$ 6,000,000
City Appropriation						\$ 0
TOTALS	\$ 6,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,000,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Building Department

Division: Building, Electrical, Plumbing/Ga

Prepared By: Jonathan Flagg

Date Prepared: 10/01/2020

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
							0
1	Replace 2013 Inspection Vehicle Small AWD Hybrid SUV		28,000				28,000
							0
2	Replace 2016 Inspection Vehicle Small AWD Hybrid SUV				30,000		30,000
							0
Totals		0	28,000	0	30,000	0	58,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 2013 Inspection Vehicle AWD/Hybrid SUV
and 2016 Inspection Vehicle AWD/Hybrid SUV

DATE SUBMITTED: 10/01/2020

DEPARTMENT PROJECT INFORMATION

Department:	Building Department				
Department Contact:	Jonathan Flagg				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Replace 2013 Subaru Forester inspection vehicle FY23

Replace 2016 Subaru Crosstrek inspection vehicle FY25

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Replacing existing vehicles that are used every day; department travel costs would rise

Cost to Maintain:

~ \$400 per vehicle per year

Describe all Benefits and/or Savings:

Estimated cost per mile is approximately half of mileage payments for inspectors' personal vehicle use.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY 2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase		\$ 28,000		\$ 30,000		\$ 58,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 28,000	\$ 0	\$ 30,000	\$ 0	\$ 58,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 28,000		\$ 30,000		\$ 58,000
TOTALS	\$ 0	\$ 28,000	\$ 0	\$ 30,000	\$ 0	\$ 58,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Parking Enforcement

Division: Treasurer-Collector-Parking

Prepared By: Kristine Bissell

Date Prepared: February 1, 2021

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
	Vehicle Replacement 2015 Nissan Leaf	\$30,000					\$30,000
	Vehicle Replacement 2015 Nissan Leaf		\$30,000				\$30,000
							\$0
	Totals	\$30,000	\$30,000	0	0	0	\$60,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Vehicle Replacement- 2015 Nissan Leaf (2) **DATE SUBMITTED:** 01/08/2021

DEPARTMENT PROJECT INFORMATION

Department:	Treasurer/Collector/Parking					
Department Contact:	Kristine Bissell					
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>	
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>		
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>	

PROJECT DESCRIPTION

A rolling replacement of Parking Enforcement vehicles over a two fiscal year period. Both are 2015 Nissa Leaf electric vehicles that were purchased in December 2014. The target dates for the replacement is FY22 and FY23. Each vehicle is powered by lithium ion batteries that have a limited service life. The manufacturer states that it is expected that all lithium ion batteries will experience a reduction in the amount of charge retained over time. It expects the vehicle to retain nine or more bars of capacity through five years of normal use, dependent upon the individual usage and operating environment. Cold weather effects the rate of capacity loss. The maximum number of bars is 12. The current five year/60,000 mile warranty does not cover loss of battery capacity due to age. This schedule will replace current vehicles in the seven to eight year range. If a battery need to be replaced, the current anticipated cost is approximately \$6k.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The vehicles are a necessity to the daily operations of the Parking Enforcement. A vehicle replacement plan will enable consistent and efficient citywide parking controls and parking revenues.

Cost to Maintain:

Replacement cost is \$6k per battery.

Describe all Benefits and/or Savings:

The vehicles were purchased using grant funding from the Commonwealth of Massachusetts and, although, there is no guarantee to receive additional funding, there is strong support in purchasing and using EV to reduce costs and affects on our environment. The EV vehicles have eliminated gasoline costs for Parking Enforcement and have reduced the overall maintenance costs associated with them.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study						\$ 0
Design - Engineering						\$ 0
Site Acquisition						\$ 0
Site Improvements						\$ 0
Construction						\$ 0
Inspection Services						\$ 0
Equipment & Furnishings						\$ 0
Vehicle Purchase	\$ 30,000	\$ 30,000				\$ 60,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 60,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 30,000	\$ 30,000				\$ 60,000
TOTALS	\$ 30,000	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 60,000

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Fire Rescue

Division: Public Safety

Prepared By: Jon Davine

Date Prepared: 09/29/2020

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
\$1	Replace 4-Cardiac Monitors from Ambulances	\$75,000					\$75,000
\$2	Replace Mechanic/Plow Vehicle	\$65,000					\$65,000
\$3	Replace 1998 Quad with a UTV	\$26,500					\$26,500
\$4	Replace EMS Chief Sedan with an SUV		\$47,000				\$47,000
\$5	SCBA Replacement		\$95,000				\$95,000
\$6	Shift Commander Vehicle Replacement			\$58,000			\$58,000
\$7	Thermal Imager Replacement			\$35,500			\$35,500
\$8	Turnout Gear Replacement				\$130,000		\$130,000
\$10	Replace Engine 4					\$700,000	\$700,000
							\$0
	Totals	\$166,500	\$142,000	\$93,500	\$130,000	\$700,000	\$1,232,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace Cardiac Monitors from Four Ambulances **DATE SUBMITTED:** September, 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project will replace four cardiac monitors from our ambulances. Our current cardiac monitors have a circuit board that will no longer be serviceable by the manufacturer. These monitors are used on all medical calls and are vital to providing Advanced Life Support to our patients. We were just notified about this and were not able to add it to our regular budget. These monitors are required equipment by the Office of Emergency Medical Services.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

These monitors are vital to our ALS service and without them, we will be forced to purchase them from our EMS Equipment line item. The large purchase price will severely impact that line item and force us to make cuts elsewhere.

Cost to Maintain:

These monitors cost \$1,000 each to maintain per year. Annually, we spend approximately \$18,000 a year to maintain our cardiac monitors.

Describe all Benefits and/or Savings:

Replacement of these cardiac monitors will allow us to continue to provide Advanced Life Support services to the community without impacting our EMS Equipment line item in the budget.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 75,000					\$ 75,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 75,000					\$ 75,000
TOTALS	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 2007 Mechanic/Plow Vehicle

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This vehicle provides a work platform for our mechanic and facilitates emergency repair and mobile servicing of our fleet. In addition, this unit serves as a public safety plow and provides emergency response, clearing the way for fire apparatus and ambulances during major snow storms. Also, this vehicle provides timely plowing of both fire stations to facilitate access for response to calls. If heavy snow falls, it is dispatched with apparatus to help facilitate access to emergency scenes. Having a reliable vehicle is crucial to the operations of the department for emergency repairs and snow removal.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

As this vehicle will be 16 years old when replaced, it has reached the end of its expected service life. Delayed replacement will result in delayed response during storms and increase in repairs to vehicle

Cost to Maintain:

Currently this vehicle costs approximately \$1,200 per year to maintain. However, extensive wear is visible on several major components.

Describe all Benefits and/or Savings:

Replacement of this vehicle will continue to provide the department with a reliable vehicle for public safety plowing and emergency response. This unit provides mobile emergency repair and service, which will facilitate rapid on road repairs, helping to keep our fleet of apparatus in service. Also, this provides a reliable plow vehicle to maintain fire stations and providing plowing options during heavy snow for emergency response.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 65,000					\$ 65,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 65,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 65,000					\$ 65,000
TOTALS	\$ 65,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 65,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 1998 Quad with UTV

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This purchase will replace our 1998 ATV Quad with a UTV. In the city, bike and walking trails have increased in distance. We have seen an increase in calls with people suffering from injuries and illness while out on these trails. Our current ATV does not have adequate accommodations for a stretcher nor the ability to transport more than two personnel safely. We currently use a trailer to transport patients out of remote areas with EMS personnel riding in the trailer with no ability to secure themselves. With an all-terrain utility vehicle, there will be a bench seat with the ability to carry three personnel in the front. It will be outfitted with a stretcher mounting kit for the rear which would properly secure the patient in the unit. This would provide a safe reliable means of transporting personnel and patients from remote areas of the City. It could also be utilized for transportation of personnel at large events held in the City.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

A new UTV will improve the safety of personnel and patients by providing a safer vehicle for responses in remote areas of the City.

Cost to Maintain:

Currently we spend approximately \$300 a year to maintain our ATV. As the unit ages, repairs are expected to increase.

Describe all Benefits and/or Savings:

Our current ATV will be 24 years old when replaced. Better technology and safety systems will improve the safety of our personnel responding to off road incidents. Benefits would include better patient care by having the proper equipment to transport the injured along with increased safety for patient and personnel. This unit will also be used for wild land fire fighting, transporting firefighting equipment and personnel to areas not accessible by fire apparatus.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 26,500					\$ 26,500
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 26,500	\$ 0	\$ 0	\$ 0	\$ 0	\$ 26,500
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 2011 EMS Chief Vehicle with an SUV **DATE SUBMITTED:** September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The Division Chief of EMS needs a reliable SUV to safely transport equipment. This project will replace his current vehicle (Sedan) with an SUV. This vehicle will be assigned to the Div. Chief of EMS for emergency response, transporting equipment and for transportation to meetings and events. The sedan will then transition to a reserve vehicle for recruits to travel to and from the fire academy.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The Division Chief of EMS is constantly moving ambulance equipment from station to station or from other parts of the state and his current vehicle is not ideal for this task. The sedan is very small and equipment gets put on the back seat

Cost to Maintain:

The cost to maintain the fleet of staff vehicles is estimated at \$5000 per year. This cost will increase as vehicles age and repairs are more significant.

Describe all Benefits and/or Savings:

An SUV is more practical for this position and will allow us to move equipment safely from one place to another. The interior of the sedan is also getting damaged from the equipment being placed on the back seats. This will allow us to keep the sedan in good shape and we will be able to use it for the foreseeable future.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase		\$ 47,000				\$ 47,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 47,000	\$ 0	\$ 0	\$ 0	\$ 47,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation		\$ 47,000				\$ 47,000
TOTALS	\$ 0	\$ 47,000	\$ 0	\$ 0	\$ 0	\$ 47,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: SCBA Replacement

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project will replace twelve self-contained breathing apparatus (SCBA), and replace fifteen out-of-date air cylinders. Presently, all our apparatus are equipped with SCBA's to provide responders respiratory protection. This request is part of a plan to provide front line apparatus with new SCBA's while rotating older units to reserve apparatus. With this rotation, it will be more cost effective by maximizing the life expectancy of these units by not having all the equipment replaced at one time. This project will provide all of our firefighters SCBA that meets the current NFPA standard. Air bottles have a life span of 15 years. Currently most of our bottles will expire at the same time. Purchasing 15 bottles will help maintain a rotation without the risk of all the bottles expiring at the same time.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Currently the Department is using a mix of compliant and non-compliant self-contained breathing apparatus. If recommended, this provides compliant SCBA's and provides current up-to-date cylinders.

Cost to Maintain:

The cost to maintain one SCBA is approximately \$300 per year. This is an annual test to ensure it is working properly.

Describe all Benefits and/or Savings:

We will be providing consistent and compliant equipment to our firefighters. Creating a rotation of these units as they age will maximize the life span of the units along with avoiding a major purchase of all new equipment at one time.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &		\$ 95,000				\$ 95,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 95,000	\$ 0	\$ 0	\$ 0	\$ 95,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 2016 Shift Commander Vehicle

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

The department has developed a strong tactical and incident command orientation, and this vehicle has become an indispensable tool. This unit responds to any situation requiring more than one unit, receives extremely heavy use, and allows the shift commander flexibility and support for the overall coordination of staff. Based upon its importance, this vehicle must be extremely reliable. The replacement of this unit would provide a reliable and appropriate resource. The current unit would transition and continue to function within the department as a utility vehicle until the conclusion of its useful service life.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Reduced response reliability by the shift commander. Reduced effectiveness and lack of command and control.

Cost to Maintain:

Annual repair/ maintenance cost is estimated at \$1,000.

Describe all Benefits and/or Savings:

The key to effective fire-ground operations and coordination of multiple incidents is the ability to provide direction, flexible deployment and command and control. Those essential functions are the purpose of this unit. It will also provide reliability and will strengthen our emergency response capabilities.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase			\$ 58,000			\$ 58,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 58,000	\$ 0	\$ 0	\$ 58,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 58,000			\$ 58,000
TOTALS	\$ 0	\$ 0	\$ 58,000	\$ 0	\$ 0	\$ 58,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Thermal Imager Replacement

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project will replace the thermal imagers in our fire engines. Having these imagers is vital for life safety to quickly find victims in a fire. They have also proven beneficial in outside searches for lost individuals, hazardous materials situations and locating hidden fire in structures. Our current thermal imagers are currently between 9-11 years old and are showing signs of wear. The technology continues to improve with these devices every year. Our current devices will be 15 years old when replaced. Manufacturer recommends replacement of devices between 12-15 years of age. As the technology improves it will help with our ability to provide the highest level of emergency service to the community.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

If not recommended we will see increased maintenance costs as our current devices age and we will fall behind in current technology.

Cost to Maintain:

As our current thermal imagers continue to age, we will experience increased repair costs. The minimum cost to have a device checked by the manufacturer is \$500, price increases once repairs are identified.

Describe all Benefits and/or Savings:

Thermal imagers are important tools for finding victims in structure fires. Locating them quickly is essential for survival in a fire. Having the current technology will help firefighters be more efficient when performing these tasks. Thermal imagers receive a lot of wear and tear. As they age, repair costs increase and having a replacement plan will help reduce these expenditures.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &			\$ 35,500			\$ 35,500
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 35,500	\$ 0	\$ 0	\$ 35,500
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation			\$ 35,000			\$ 35,000
TOTALS	\$ 0	\$ 0	\$ 35,000	\$ 0	\$ 0	\$ 35,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Turnout Gear Replacement

DATE SUBMITTED: September 29, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Turnout Gear is the foundation of firefighter safety and the most basic tool for effective fire/rescue operations. This equipment is provided to each firefighter for response to situations involving exposure to extreme heat and flames. Structural firefighting gear, including boots, pants, coats, gloves, hoods, goggles, vests, and helmets are essential to personal safety at a fire or other emergency scene. Like other clothing, turnout gear deteriorates through normal wear and tear. Based on the fire retardant fabrics utilized, these specialized protective suits also deteriorate with the exposure to light. In Northampton, firefighters respond to over 7,000 calls each year requiring protection from a variety of high hazard conditions including exposure to bodily fluids, heat, open flame and hazardous materials. Properly fitting turnout gear in usable condition is essential. The State Fire Academy has adopted the national standard which is no turnout gear older than 10 years is allowed to be worn at any academy sponsored program.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Properly fitted turnout gear in usable condition is vital to the safety and well-being of department personnel. In the absence of this gear, firefighter injury and fire loss should be expected to increase

Cost to Maintain:

As this gear ages we provide repair. Each year components that are not salvageable are replaced. The repair and replacement of this gear is estimated at \$15,000 per year.

Describe all Benefits and/or Savings:

Providing this personal protective equipment will prevent injury, increase capability and ensure that department members are able to participate in training evolutions at the State Fire Academy. Turnout gear is the most important tool firefighters have. New gear would improve their safety and health. It has also been identified that firefighters are at risk for higher rates of cancer because of their exposure to products of combustion. Properly fitted turnout gear is essential for cancer prevention.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &				\$ 130,000		\$ 130,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 130,000	\$ 0	\$ 130,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation				\$ 130,000		\$ 130,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 130,000	\$ 0	\$ 130,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Replace 1999 Fire Engine 4

DATE SUBMITTED: October 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Fire Rescue				
Department Contact:	Jon Davine				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input checked="" type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This project will replace a 1999 fire engine that will be 27 years old when replaced. This unit was purchased new in 1999 and has transitioned from the front line to a backup unit over the course of its life. It is the oldest engine in the fleet and the cost of repairs to this engine to keep it operating exceed it's value. Due to the cost of repairs needed, we have determined it will be at the end of its useful life.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

As this unit ages it will be more costly to maintain as the frequency of repairs will increase. Therefore, the reliability as a reserve engine will be reduced as it will be out of service frequently.

Cost to Maintain:

As our fleet continues to age the older apparatus are a burden on the Ordinary Maintenance (OM) budget as we anticipate needed repairs. Estimated cost to maintain is roughly \$3000 per year.

Describe all Benefits and/or Savings:

Replacement of this fire engine will help the department establish a regular replacement schedule of fire engines along with providing reliable equipment. We continue to see higher call volumes every year which translate to high road miles and engine hours on our apparatus. Establishing this rotation will help us provide reliable apparatus for response to emergency calls.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase					\$ 700,000	\$ 700,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 700,000	\$ 700,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation					\$ 700,000	\$ 700,000
TOTALS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 700,000	\$ 700,000

City of Northampton FORM CIP - 1: Departmental Capital Projects Summary

Department: Public Works

Division: General Fund

Prepared By: Donna LaScaleia

Date Prepared: 12/1/2020

[illegible]

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Street Resurfacing

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The City has more than 150 miles of roadway to maintain and reconstruct. Both Chapter 90 funds from the Commonwealth and Capital Improvement funds from the City are used to support this work.

FY21's major project was the reconstruction of North Maple Street and North Farms Road from Bridge Road to the City limits. Total project length was 10,617'.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The DPW dedicates significant personnel, equipment and materials to repair potholes City-wide. Street resurfacing reduces expenses and labor related to potholes.

Cost to Maintain:

After resurfacing, crack sealing is required for maintenance and preservation as cracks appear. Depending on numerous factors, new pavement can last between 15-20 years.

Describe all Benefits and/or Savings:

As part of resurfacing projects, DPW also evaluates utilities, traffic calming opportunities, bike lanes and ADA accessibility.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
TOTALS	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Road Improvements

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

This is annual funding for asphalt used in the repair of pavement cuts, potholes and sidewalks and for shimming roadways in poor condition.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Allows for year-round pothole and trench maintenance.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Allows for year-round pothole and trench maintenance.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
Contingency						\$ 0
TOTALS	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
TOTALS	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Leeds Main St./Arch St. Bridge Repairs **DATE SUBMITTED:** December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The Main Street Leeds Bridge (MassDOT Bridge No. N-19-046) is a triple-span bridge located nearest to the intersection of Main Street and Arch Street in Leeds. MassDOT inspection reports have identified needed repairs to address critical scour of the stream channel at the bridge spread footings.

Proposed scour remediation of the structure includes control of water, excavation and regrading of river bed material, removal of excess sediment that has accumulated in the center arch and in the approaches, installation of dumped riprap with gravel packed voids beneath the arches and in approaches, and underside repairs to the arch by grout injection in voids in the arch matrix.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The bridge requires immediate repair to maintain its weight rating and availability to motor vehicle traffic.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

The bridge requires immediate repair to maintain its weight rating and availability to motor vehicle traffic.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 500,000					\$ 500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 500,000					\$ 500,000
TOTALS	\$ 500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Hotel Bridge

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☐ **FY24** ☐ **FY25** ☐ **FY26** ☐

Department Priority: **Critical** ☐ **High** ☐ **Medium** ☐ **Low** ☒

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☒

PROJECT DESCRIPTION

The construction of the single lane, iron truss Hotel Bridge was completed in January of 1881. The bridge was closed to vehicle traffic in 2004 after being deemed structurally deficient by MassDOT. An engineering assessment, completed in FY2021, has determined the preferred construction strategy for reopening the bridge to pedestrian and bicycle traffic.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The Hotel Bridge is an important historical element of Leeds Village.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

The Hotel Bridge is an important historical element of Leeds Village.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 450,000					\$ 450,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 450,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 450,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 450,000					\$ 450,000
TOTALS	\$ 450,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 450,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Pavement Markings

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☒ **FY25** ☒ **FY26** ☒

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☒

PROJECT DESCRIPTION

On the City's 150 miles of roadway, there are approximately 425,000 linear feet of double yellow center lines, 219,000 linear feet of white solid and broken lines, 110 arrows, 21 'ONLY' legend markings, 46 speed hump/table markings, 3 railroad markings, 373 crosswalks, and 977 parking spaces. These pavement markings provide instruction and direction to motorists, cyclists and pedestrians, and are an integral part of our roadway infrastructure.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Pavement markings are important for motorist, bicyclist and pedestrian safety.

Cost to Maintain:

Pavement markings must be maintained annually.

Describe all Benefits and/or Savings:

Pavement markings are important for motorist, bicyclist and pedestrian safety.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
TOTALS	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Sidewalks

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☒ **FY25** ☒ **FY26** ☒

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☒

PROJECT DESCRIPTION

The City maintains more than 85 miles of sidewalks. Sidewalk repairs and concrete curb ramp upgrades are often completed as part of various roadway paving projects. In FY2021, as part of the North Maple Street/North Farms Road reconstruction project, new sidewalk was added on the eastern side of North Maple Street from Bridge Road to the basketball parking lot at Arcanum Field.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The City's sidewalks are in need of upgrades and repairs to ensure accessibility and safe pedestrian passage.

Cost to Maintain:

Sidewalks have a 20-30 year life cycle with minor maintenance.

Describe all Benefits and/or Savings:

Upgraded and/or additional sidewalks provide accessibility and safe pedestrian passage for City residents and visitors.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 975,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 975,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 975,000
TOTALS	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 975,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Traffic Signals

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

There are 24 signal-controlled intersections citywide. This is annual funding for typical maintenance expenses which include video cards, control panels, LED bulbs, contract labor as needed and emergency response.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Traffic signals require both preventative and emergency maintenance.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Vehicle and pedestrian safety at intersections is dependent upon functional signals.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Contingency						\$ 0
TOTALS	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
TOTALS	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Traffic Calming

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Traffic calming funds are used for roadway enhancements to encourage reduction of vehicle speeds. Speed hump/table installation, curb extensions, crosswalk upgrades and line striping are examples of traffic calming measures that are effective. Traffic calming measures are usually integrated into roadway reconstruction efforts.

In 2020, four flashing LED radar speed signs were installed along North Farms Road at strategic locations as part of that roadway's reconstruction.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

City neighborhoods will be positively impacted by traffic calming measures which make streets safer for all residents.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

City neighborhoods will be positively impacted by traffic calming measures which make streets safer for all residents.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
TOTALS	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Forestry Improvements

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The Department's Forestry, Parks and Cemeteries Division uses as a guide for their forestry work a tree inventory and tree management plan created in 2016. This inventory and management plan includes a total of more than 12,000 existing trees, stumps and proposed planting locations. To offset canopy loss from natural tree mortality, invasive pests, construction damage and impacts from weather related events, the City has adopted and maintained an ambitious tree planting schedule, and since 2016, more than 1,000 new trees have been planted. This budget item will fund the purchase of more than 300 new trees each year, will pay to manage wood waste from downed trees, and will fund contractor labor for technically challenging tree removals and storm events that cause widespread tree damage.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Active management and restoration of our urban public shade tree canopy is integral to achieving carbon neutrality by 2050.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Active management and restoration of our urban public shade tree canopy is integral to achieving carbon neutrality by 2050.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 875,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 875,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 875,000
TOTALS	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 875,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Cemetery Improvements

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input type="checkbox"/>	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Preservation Master Plans have been completed for the Bridge Street, Park Street and West Farms Cemeteries. The plans provide a framework for capital improvements. In July of 2018, the City received \$100,000 in Community Preservation Act funds and a \$50,000 Massachusetts Preservation Projects Fund grant for stone conservation work at Bridge Street, Park Street and West Farms Cemeteries. Conservation of 146 Priority 1 stones across all cemeteries as identified in the Preservation Master Plans and conservation of an additional 84 Priority 2 markers at Bridge Street was completed in late 2019.

Capital funding over the next five years will be used to implement recommendations in the preservation master plans including additional stone conservation.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Our cemeteries have significant historical value, and preserving them for future generations is of importance.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Our cemeteries have significant historical value, and preserving them for future generations is of importance.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
TOTALS	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

FY2022 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
General Fund					
FPC	311	2011	Toro 5910 Wide Area Mower	Toro Wide Area Mower	\$ 150,000.00
FPC	300	2000	Sidearm Mower	Sidearm Mower	\$ 150,000.00
FPC	198	1998	Sidewalk Plow Tractor	Sidewalk Plow Tractor	\$ 165,000.00
Streets	210	2010	International 6-wheel Dump Trucl	Western Star 6- wheel Dump	\$ 220,000.00
Total General Fund					\$ 685,000.00

FY2023 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
General Fund					
Streets	986	1986	Military Surplus 10-wheel Dump T	Western Star 10-wheel Dump	\$ 295,000.00
Streets	508	2008	Sterling 6-wheel Dump Truck/San	Western Star 6-wheel Dump T	\$ 280,000.00
Total General Fund					\$ 575,000.00

FY2024 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
General Fund					
Streets	389	1989	1989 Dresser 515B Loader	John Deere 544 Loader	\$ 265,000.00
Streets	197	1997	L8000 Ford 6-wheel Dump Truck	Western Star 6-wheel Dump T	\$ 280,000.00
Total General Fund					\$ 545,000.00

FY2025 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
General Fund					
Streets	506	2006	Bobcat 553F Skidsteer	Volvo MCT125D Skidsteer	\$ 65,000.00
Streets	605	2005	2005 Elgin Street Sweeper	Elgin Street Sweeper	\$ 125,000.00
Streets	388	1988	Loader	John Deere 544 Loader	\$ 266,000.00
FPC	505	2005	Giant Vac 3001CHW	Scag Giant Leaf Vac	\$ 16,000.00
Total General Fund					\$ 472,000.00

FY2026 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
General Fund					
Streets	707	2007	Sterling 10-wheel Dump Truck/Sa	Western Star 10-wheel Dump	\$ 280,000.00
Streets	309	2009	STEPP SPH 3.0 Asphalt Preheater	Asphalt Pre-Heater	\$ 100,000.00
General Fund Total					\$ 280,000.00

City of Northampton FORM CIP - 1: Departmental Capital Projects Summary

Department: **Public Works**

Division: Sewer Enterprise

Prepared By: Donna LaScaleia

Date Prepared: December 1, 2020

[illegible]

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: WWTP & Pump Station Improvements

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☒ **FY25** ☒ **FY26** ☒

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☒ **Facility** ☒ **Other** ☒

PROJECT DESCRIPTION

The city continues to implement recommended improvements to its Wastewater Treatment Plant (WWTP) and wastewater collection system contained in the 2016 Comprehensive Wastewater Management Plan. Construction of the first phase of WWTP upgrades, valued at \$11,149,600, began in the summer of 2020 and will continue for the next two years. Design for the next phase of Plant improvements is anticipated to begin in FY2023, and will include upgrades to sludge and dewatering processes and installation of new computerized monitoring and control systems.

The city also operates 7 sewer pump stations that are reaching the end of their expected design life and will need to be upgraded to ensure reliable long-term performance. Upgrades to the Burts Pit Road Pump Station were completed in 2020, and design for upgrades at other pump stations is anticipated to begin in FY2024, with construction in FY2026.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Failure of equipment at the wastewater treatment plant or pump stations could lead to violations, penalties, and disruptions in service.

Cost to Maintain:

The operating budget supports ongoing maintenance and repair of the Wastewater Treatment Plant and pump stations.

Describe all Benefits and/or Savings:

Upgrades will ensure compliance with federal and state regulations. Upgrades to certain equipment may have energy efficiencies. Worker safety issues will be addressed.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site	\$ 0	\$ 1,000,000	\$ 700,000	\$ 0	\$ 0	\$ 1,700,000
Acquisition						\$ 0
Site Improvements	\$ 0	\$ 0	\$ 0	\$ 7,000,000	\$ 3,500,000	\$ 10,500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 1,000,000	\$ 700,000	\$ 7,000,000	\$ 3,500,000	\$ 12,200,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds	\$ 0	\$ 1,000,000	\$ 700,000	\$ 7,000,000	\$ 3,500,000	\$ 12,200,000
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 1,000,000	\$ 700,000	\$ 7,000,000	\$ 3,500,000	\$ 12,200,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: WWTP Equipment Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☒ **FY23** ☒ **FY24** ☒ **FY25** ☒ **FY26** ☒

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☒ **Technology** ☐ **Facility** ☐ **Other** ☐

PROJECT DESCRIPTION

Annual funding for replacement of equipment at the Wastewater Treatment Plant.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Funding this item will allow for replacement of equipment integral to the operation of the Wastewater Treatment Plant.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Funding this item will allow for replacement of equipment integral to the operation of the Wastewater Treatment Plant.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Sewer Line Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Public Works continues work on sewer line replacement projects. Sewer infrastructure will be upgraded in conjunction with roadway reconstruction and water and stormdrain utilities where appropriate.

Recent projects included upgrades on Bratton Court and Nonotuck Street. Sewer lining to preserve existing infrastructure and reduce inflow and infiltration in Wards 2 and 5 is also planned, as is sewer line replacement in the Masonic Street Parking Lot.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Failure of existing systems are predominantly due to age. Replacement provides for the next generations of City residents and businesses with low future maintenance costs.

Cost to Maintain:

New construction and replacement should provide several decades of maintenance free, uninterrupted service.

Describe all Benefits and/or Savings:

Service disruption is reduced. Systems that are under capacity are upgraded reducing sewer overflows. The need for costly emergency repairs is greatly reduced.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 1,300,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,300,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 1,300,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,300,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds	\$ 1,300,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,300,000
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 1,300,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,300,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Sewer Collection Equipment

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Annual funding for equipment needed to maintain and operate the sewer system. The types of expenditures include CCTV camera equipment, trench shoring boxes, confined space entry safety equipment and other specialized equipment.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Funding this item will allow for replacement of equipment integral to the operation of the Sewer Collection System.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Funding this item will allow for replacement of equipment integral to the operation of the Sewer Collection System.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000

FY2022 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Sewer Enterprise					
Sewer	807	2007	Compressor/Trailer	Compressor/Trailer	\$ 40,000.00
WWTP	507	2007	Ford F-450 Dump Truck	Ford F-550 Dump Truck	\$ 110,100.00
Total Sewer Enterprise					\$ 150,100.00

FY2023 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Sewer Enterprise					
Sewer			Addition	20 Ton Trailer	\$ 27,000.00
Sewer	310	2010	Vactor Truck	Vactor Truck	\$ 157,500.00
Total Sewer Enterprise					\$ 184,500.00

FY2024 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Sewer Enterprise					
Sewer	216	2016	John Deere 50G Excavator	John Deere 60G Excavator	\$ 105,000.00
Total Sewer Enterprise					\$ 105,000.00

FY2025 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Sewer Enterprise					
Sewer	406	2006	F350 Utility Truck	F350 Utility Truck	\$ 62,500.00
Total Sewer Enterprise					\$ 62,500.00

FY2026 Vehicle/Equipment Purchase Plan

Division	Vehicle Number	Year	Equipment to be Replaced	Equipment to be Purchased	Cost
Sewer Enterprise					
Sewer	987	1987	GMC Mortar Truck	F550 Flat Bed	\$ 95,000.00
Sewer Enterprise Total					\$ 95,000.00

City of Northampton FORM CIP - 1: Departmental Capital Projects Summary

Department: **Public Works**

Division: Stormwater Enterprise

Prepared By: Donna LaScaleia

Date Prepared: December 1, 2020

[illegible]

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Stormdrain Line Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

Public Works continues work on stormwater pipeline, culvert and outfall projects. Stormwater infrastructure will be upgraded in conjunction with roadway reconstruction and water and sewer utilities where appropriate.

Recent projects include improvements to North Maple Street and North Farms Road as part of FY2021 roadway reconstruction efforts.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Existing systems fail due to age or capacity deficiencies. New construction and replacement provides for the next generations of City residents.

Cost to Maintain:

New construction and replacement should provide for numerous decades of maintenance free uninterrupted service.

Describe all Benefits and/or Savings:

Disruption in services is reduced. Systems that are under capacity will be upgraded, thereby reducing street flooding.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Flood Control

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The Connecticut and Mill River Flood Control Systems were designed and constructed by the U.S. Army Corps of Engineers between 1939 and 1941 to protect low-lying or floodplain areas in downtown Northampton and adjacent to the Mill River. The City is responsible for the operation and maintenance of these systems. The Flood Control Pumping Station on Hockanum Road and levee systems are nearly 80 years old and are critical to enabling downtown drainage and preventing river flooding during storm events.

Upcoming projects include FEMA certification of the levee system, levee toe drain improvements and electrical upgrades and fuel tank replacements at the Flood Control Pumping Station.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The U.S. Army Corps of Engineers inspects the flood control systems annually. Their condition must be deemed satisfactory to remain eligible for federal rehabilitation assistance in the event of a disaster.

Cost to Maintain:

Routine operations and minor maintenance are primarily conducted by DPW staff. Major projects for significant maintenance and upgrades must be undertaken by consultant(s) and contractor(s).

Describe all Benefits and/or Savings:

The cost to maintain the system in working order is far less than replacement of system components. The Flood Control Pumping system is nearly 80 years old and has not undergone any major upgrades since original construction.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds						\$ 0
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000

FY2023 Vehicle/Equipment Purchase Plan

	<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Stormwater Enterprise	Stormwater	310	2010	Vactor Truck	Vactor Truck	\$ 157,500.00
	Total Stormwater Enterprise					\$ 157,500.00

FY2025 Vehicle/Equipment Purchase Plan

	<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Stormwater Enterprise	Stormwater	605	2005	2005 Elgin Street Sweeper	Elgin Street Sweeper	\$ 125,000.00
	Total Stormwater Enterprise					\$ 125,000.00

FY2026 Vehicle/Equipment Purchase Plan

	<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Stormwater Enterprise	Stormwater	405	2005	Catch Basin Cleaning Truck	Catch Basin Cleaning Truck	\$ 255,000.00
	Stormwater Total					\$ 255,000.00

City of Northampton
FORM CIP - 1: Departmental Capital Projects Summary

Department: Water Enterprise

Division: Water Enterprise

Prepared By: Donna LaScaleia

Date Prepared: December 1, 2020

Dept. Priority	Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
	Waterline Replacement	1,500,000	750,000	750,000	750,000	750,000	4,500,000
	Transmission Main Rehabilitation	100,000	0	0	8,250,000	0	8,350,000
	Reservoir Construction	0	5,000,000	0	750,000	0	5,750,000
	Watershed Land Acquisition	0	100,000	100,000	100,000	100,000	400,000
	Meter and Radio Read Replacement	30,000	95,000	95,000	95,000	95,000	410,000
	Hydrant Replacement	0	30,000	30,000	30,000	30,000	120,000
	Granular Activated Carbon	0	150,000	150,000	0	0	300,000
	WTP & Distribution System Equipment	0	100,000	100,000	100,000	100,000	400,000
	Vehicle Replacement	150,000	161,900	26,000	62,500	150,000	550,400
							0
							0
							0
	Totals	1,780,000	6,386,900	1,251,000	10,137,500	1,225,000	20,780,400

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Waterline Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Public Works continues work on water pipeline replacement projects. Water infrastructure will be upgraded in conjunction with roadway reconstruction and sewer and stormwater utilities where appropriate.

Upcoming work includes upgrades to portions of Damon Road, Hatfield & North King Streets and Main Street as part of MassDOT roadway reconstruction. Additional waterline replacement is planned for Atwood Drive, Winter Street and the Masonic Street Parking Lot.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Water infrastructure fails predominately due to age. New installations are a benefit for City businesses and residents.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Service disruption is reduced, response efforts for water main breaks are reduced and under-capacity systems are upgraded allowing for improved water flows.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements	\$ 1,924,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,924,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 1,924,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,924,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 1,924,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,924,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 1,924,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,924,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Transmission Line Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input type="checkbox"/>	FY24 <input type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

The City currently has two transmission mains (20" and 36") that provide water from the Water Treatment Plant in Williamsburg to the distribution system. This line item seeks to fund the relocation and replacement of the 20" main, which is more than 100 years old and largely travels through an inaccessible wetland area near Beaver Brook. A significant portion of this project may be done in conjunction with the reconstruction of Mountain Street, which the State has placed on its Transportation Improvement Program.

Total probable design and construction cost for about 12,000 linear feet of new 24" ductile iron water main will be approximately \$9,000,000.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

The 20" transmission main is one of the most critical pieces of water infrastructure that the City owns and maintains.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

The 20" transmission main is one of the most critical pieces of water infrastructure that the City owns and maintains.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site	\$ 100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 100,000
Acquisition						\$ 0
Site Improvements	\$ 0	\$ 0	\$ 0	\$ 8,250,000	\$ 0	\$ 8,250,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 100,000	\$ 0	\$ 0	\$ 8,250,000	\$ 0	\$ 8,350,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 100,000	\$ 0	\$ 0	\$ 8,250,000	\$ 0	\$ 8,350,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 100,000	\$ 0	\$ 0	\$ 8,250,000	\$ 0	\$ 8,350,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Reservoir Construction

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department: **Public Works**

Department Contact: **Donna LaScaleia**

Fiscal Year(s) Requested: **FY22** ☐ **FY23** ☒ **FY24** ☐ **FY25** ☒ **FY26** ☐

Department Priority: **Critical** ☒ **High** ☐ **Medium** ☐ **Low** ☐

Type of Project: **Vehicle** ☐ **Equipment** ☐ **Technology** ☐ **Facility** ☐ **Other** ☒

PROJECT DESCRIPTION

The city's drinking water is primarily supplied by three surface water reservoirs: Ryan Reservoir, West Whately Reservoir and Mountain Street Reservoir. All have noted spillway and embankment deficiencies that need to be corrected. Projected engineering and construction costs are roughly \$11,000,000. In FY19, the City received a grant from the Commonwealth's Office of Energy and Environmental Affairs for \$250,000 to partially fund engineering expenses associated with upgrades for Ryan and West Whately Reservoirs. This design work began in 2019 and will be ongoing until late 2021. Requested funding will allow for complete design and construction of the Ryan and West Whately Reservoirs, and design for Mountain Street Reservoir.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Dam infrastructure is in need of upgrades to ensure the long term integrity of the water supply.

Cost to Maintain:

Nominal inspection costs, covered in OM budget.

Describe all Benefits and/or Savings:

Dam infrastructure is in need of upgrades to ensure the long term integrity of the water supply.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site	\$ 0	\$ 0	\$ 0	\$ 750,000	\$ 0	\$ 750,000
Acquisition						\$ 0
Site Improvements	\$ 0	\$ 5,000,000	\$ 0	\$ 0	\$ 0	\$ 5,000,000
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 5,000,000	\$ 0	\$ 750,000	\$ 0	\$ 5,750,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 0	\$ 5,000,000	\$ 0	\$ 750,000	\$ 0	\$ 5,750,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 5,000,000	\$ 0	\$ 750,000	\$ 0	\$ 5,750,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Watershed Land Acquisition

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Watershed land acquisition is an important part of the Northampton Watershed Resource Protection Plan (WRPP), which is designed to protect raw water quality within the watersheds of the active drinking water reservoirs.

All parcels that are prioritized for acquisition by the city are based on proximity to the reservoirs and their tributaries. This funding is intended to enable acquisition of key parcels as they become available. In FY18, the city purchased a 44-acre parcel in Williamsburg within the Ryan Reservoir watershed and in FY19, the city purchased a 9-acre parcel in Hatfield within the watershed of the Mountain Street Reservoir. The city plans to acquire a 15-acre lot in Williamsburg within the watershed of West Whately Reservoir by the end of FY21. Acquisition efforts over the next five years will focus on smaller parcels close to the reservoirs.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Control of the land proximate to the city's reservoirs is key to ensuring high water quality.

Cost to Maintain:

Covered in the operating budget under "watershed maintenance".

Describe all Benefits and/or Savings:

Drinking water is a vital resource for the city. Public Works seeks to continue to maintain high water quality for future generations.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Meter & Radio Read Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input checked="" type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input checked="" type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This is annual funding for the replacement of water meters and associated radio read equipment.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Water meters and radio read equipment are essential for accurate utility billing.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Water meters and radio read equipment are essential for accurate utility billing.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 30,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 410,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 30,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 410,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 30,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 410,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 30,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 410,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Hydrant Replacement

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This is annual funding for hydrant replacement.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Hydrants are crucial for fire protection for the City.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Hydrants are crucial for fire protection for the City.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: Granular Activated Carbon

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input type="checkbox"/>	FY26 <input type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input checked="" type="checkbox"/>

PROJECT DESCRIPTION

Granular activated carbon in the filter beds at the Water Treatment Plant has a five year life cycle. Last replaced in early FY20, the next expected replacement date is FY24.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Granular activated carbon replacement ensures regulatory compliance and high quality drinking water to the city.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Granular activated carbon replacement ensures regulatory compliance and high quality drinking water to the city.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &						\$ 0
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other		\$ 150,000	\$ 150,000			\$ 300,000
Contingency						\$ 0
TOTALS	\$ 0	\$ 150,000	\$ 150,000	\$ 0	\$ 0	\$ 300,000

Financing Sources

Lease-Purchase						\$ 0
Water Enterprise Funds		\$ 150,000	\$ 150,000			\$ 300,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 150,000	\$ 150,000	\$ 0	\$ 0	\$ 300,000

City of Northampton Capital Plan FY22-FY26

PROJECT TITLE: WTP & Distribution System Equipment

DATE SUBMITTED: December 1, 2020

DEPARTMENT PROJECT INFORMATION

Department:	Public Works				
Department Contact:	Donna LaScaleia				
Fiscal Year(s) Requested:	FY22 <input type="checkbox"/>	FY23 <input checked="" type="checkbox"/>	FY24 <input checked="" type="checkbox"/>	FY25 <input checked="" type="checkbox"/>	FY26 <input checked="" type="checkbox"/>
Department Priority:	Critical <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	
Type of Project:	Vehicle <input type="checkbox"/>	Equipment <input checked="" type="checkbox"/>	Technology <input type="checkbox"/>	Facility <input type="checkbox"/>	Other <input type="checkbox"/>

PROJECT DESCRIPTION

This is annual funding for the replacement of equipment necessary for the operation of the water distribution and treatment systems.

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Funding this item will allow for replacement of equipment integral to the water distribution and treatment systems.

Cost to Maintain:

N/A

Describe all Benefits and/or Savings:

Funding this item will allow for replacement of equipment integral to the water distribution and treatment systems.

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact						
Project Cost Elements	FY 2022	FY2023	FY2024	FY2025	FY2026	TOTAL
Feasibility Study Design -						\$ 0
Engineering Site						\$ 0
Acquisition						\$ 0
Site Improvements						\$ 0
Construction Inspection						\$ 0
Services Equipment &	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Furnishings Vehicle						\$ 0
Purchase						\$ 0
Other						\$ 0
Contingency						\$ 0
TOTALS	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Financing Sources						
Lease-Purchase						\$ 0
Water Enterprise Funds	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Sewer Enterprise Funds						\$ 0
Solid Waste Enterprise Funds						\$ 0
Storm Water Enterprise Funds						\$ 0
State / Federal Grants						\$ 0
Sale of Surplus Property						\$ 0
CPA						\$ 0
Other (specify)						\$ 0
City Appropriation						\$ 0
TOTALS	\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000

FY2022 Vehicle/Equipment Purchase Plan

	<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>		
Water Enterprise	Water	894	1994	John Deere Mower	Sidearm Dam/Embankment Mower	\$	150,000.00	
	Total Water Enterprise						\$	150,000.00

FY2023 Vehicle/Equipment Purchase Plan

	<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>
Water Enterprise	Water	408	2008	F350 Compressor Truck	F350 Compressor Truck	\$ 99,400.00
	Water	109	2009	F350 Utility Truck	F350 Utility Truck	\$ 62,500.00
	Total Water Enterprise					\$ 161,900.00

FY2024 Vehicle/Equipment Purchase Plan

Water Enterprise						
Water	811	2010	Kubota RTV 900 XT	Kubota RTV	\$	26,000.00
Total Water Enterprise					\$	26,000.00

FY2025 Vehicle/Equipment Purchase Plan

<u>Division</u>	<u>Vehicle Number</u>	<u>Year</u>	<u>Equipment to be Replaced</u>	<u>Equipment to be Purchased</u>	<u>Cost</u>	
Water Enterprise						
Water	112	2012	F350 Utility Truck	F350 Utility Truck	\$	62,500.00
Total Water Enterprise					\$	62,500.00

FY2026 Vehicle/Equipment Purchase Plan

Division	Vehicle Number	Year	Equipment to be Replaced	Equipment to be Purchased	Cost
Water Enterprise					
Water	514	2014	Terrastar International Durr	F550 Dump Truck	\$ 150,000.00
Water Enterprise Total					\$ 150,000.00